

From ab4el.com Fri Apr 22 09:18:26 1994
From: jkearman@arrl.org (Jim Kearman)
Subject:

Duane P Mantick <wb9omc@ecn.purdue.edu> said:

>Chuck Adams <adams@chuck.dallas.sgi.com> said:

>

>>

>> Note: you should bring some extra QSL cards with you to
>> Dayton for the purpose of putting on the outside of
>> your room. that way, people will know where you are,
>> that is if you aren't in hiding. :-)

>>

>

>In spite of the smiley face at the end, there's not a snowballs chance in
>hell that I'd go too far out of my way to announce myself as a ham
>in that manner in a big city area. There is crime in Dayton, and you
>can bet that a thief would just LOVE to have a motel room advertised to him.

>

>Duane

>

>

Knowing how tight-fisted hams are, if I were a thief I'd concentrate
on rooms that didn't have QSLs on the door!

73

Jim, KR1S (Days Inn--South)

From ab4el.com Thu Apr 21 15:46:30 1994
From: Jeffrey Herman <jherman@uhunix.uhcc.Hawaii.Edu>
Subject: *Yoogly Construxion*

You want crude? Try to top this:

1. All my coils are wound on toilet paper cardboard tubing.
2. Almost all components used in my projects come from thrown-out
TV and radio sets that I find in dumpsters and neighborhood trash.
The only parts I've had to buy in the last several years were
trimmer caps from RS (I waited until they went on sale).

QRP in it's purist form.

72.5,
Jeff NH6IL

This article is NOT copyrighted.

From ab4el.com Thu Apr 21 17:04:09 1994
From: stark <mswmod@sage.unr.edu>
Subject: Re: *Yoogly Construxion*

On Thu, 21 Apr 1994, Jeffrey Herman wrote:

>
> You want crude? Try to top this:
>
> 1. All my coils are wound on toilet paper cardboard tubing.
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> The only parts I've had to buy in the last several years were
> trimmer caps from RS (I waited until they went on sale).
>
> QRP in it's purist form.
>
> 72.5,
> Jeff NH6IL
>
> This article is NOT copyrighted.
>
Gee, I just have to ask, did you empty all the coil
forms yourself?

If so does that mean we are limited in how much building
we can do by how much we eat?

.....KU7Y.....
.....Monte "Ron" Stark.....
.....Sun Valley, Nevada.....

From ab4el.com Thu Apr 21 21:12:22 1994
From: Jeffrey Herman <jherman@uhunix.uhcc.Hawaii.Edu>
Subject: Re: *Yoogly Construxion*

Ron asks if I emptied all the coil forms myself. Luckily, I work at a university with 20,000 students so I have an endless supply of cardboard coil forms (the janitor on my floor used to have a novice license when he was young so he understands when I ask him to save some forms for me).

Gad, this is a great hobby! On the air without having to spend a penny.

Jeff NH6IL

From ab4el.com Fri Apr 22 02:17:46 1994

From: Alan Kaul <kaul@netcom.com>

Subject: Adding QRP contests to CT

I'm a registered user of versions 6, 7, and 8. And am wondering if there's much chance that the QRP ARCI contests might get added to list of contests CT serves? The exchanges are complicated enough (for example in the Spring CW QSO party - signal report, state, QRP-ARCI# or power --- i.e. 599 CA 6872) that they cannot be adapted easily to any other CT format (either contest or the DXpedition)---i.e. only option seems to be paper logs. We are not a very big group, but a lot of us are already using CT anyway in the CQWW, ARRL, 10/160/Field-day, All-asian,etc., and have been for some time. Is there a chance?

Tnx, de W6RCL

[<Alan Kaul>] kaul@netcom.com

From ab4el.com Fri Apr 22 08:27:28 1994

From: howie cahn <howi@world.std.com>

Subject: Re: Adding QRP contests to CT

On Thu, 21 Apr 1994, Alan Kaul wrote:

> I'm a registered user of versions 6, 7, and 8. And am wondering if
> there's much chance that the QRP ARCI contests might get added to list of
> contests CT serves? The exchanges are complicated enough (for example in

As I understand it, CT version 9 can be customized for any arbitrary contest info. I'll ask Ken, K1EA, who I assume I'll see at Dayton next week.

72/73... howie

wb2cpu@world.std.com

From ab4el.com Fri Apr 22 19:15:07 1994
From: Alan Kaul <kaul@netcom.com>
Subject: Re: Adding QRP contests to CT (fwd)

Here's one answer ... someone else wrote to say that Tree Tyree's logging program can be config-ed for various info I have v 4.05 but no manual (I downloaded the public domain version from his bbs). Has anyone tried to configure that or earlier versions for QRP Sprints, contests or QSO parties (which req sig reports, states and QRP #'s or POWERS)? Other message attached, 73 de alan w6rc1

[<Alan Kaul>] kaul@netcom.com

----- Forwarded message -----
Date: Fri, 22 Apr 1994 11:06:24 -0400 (EDT)
From: howie cahn <howi@world.std.com>
To: Alan Kaul <kaul@netcom.com>
Subject: Re: Adding QRP contests to CT

On Fri, 22 Apr 1994, Alan Kaul wrote:

> HOWIE: re attached. When you ask, pls inquire if there's a Ken will
> write a mod for Version 8 ... pls and tnx and 73, 72 de W6RCL
>

I'll ask, but based on his past policies, I don't think there's much chance of him adding new features to a previous version. BTW, there's an Internet mailing list for CT users (I'm not currently on it and I don't have the subscription address with me) but it, or the CT BBS, are good places to bring up things like this.

72/73... howie
wb2cpu@world.std.com

From ab4el.com Wed Apr 13 20:34:04 1994
From: Randall Rhea <randall@informix.com>
Subject: Re: Building DSP into QRP rig

=>
=>I think I will build my Radio Shack DSP-40 into my next homebrew rig.
=>The DSP-40 comes with an audio amplifier, a speaker, volume control,
=>jacks, etc.. That's stuff a QRP rig needs anyway. It also has the DSP.
=>That will make my QRP rig "high tech". And the DSP-40 runs off 12 V.
=>All I have to do is get it out of the plastic case it's in and mount
=>it in the case of my QRP rig. I'll probably build a shielded enclosure

=>around the DSP-40 out of PCB material so the digital stuff doesn't mess
=>up the RF.

Does anyone have a part number for this thing? I asked a guy
at Radio Shack last night, and he knew nothing about it. How
much is it? Is it supposed to be available at the stores now?

73 DE KG0HW

Randall Rhea
Project Manager, MIS Sales/Marketing Systems
Informix Software, Inc.
randall@informix.com

From ab4el.com Tue Apr 19 19:09:39 1994
From: C=BAILEY%IS%211EIS@ANG193FS.ang.af.mil
Subject: Clingman's Dome

The first time I heard of Clingman's Dome was when I was helping our
daughters study for a social studies test 2 month's ago. Six months ago, our
family planned a vacation in Maggie Valley, NC during next month. Well,
guess how far Clingman's Dome is from there? Not far! Well, all the
information I'm reading on the "Dome" is making me consider extending my
stay. I wonder if they will miss me at work for a few more days.....
You don't know how tempting that is. I live in a neighborhood where everyone
owns a "touch lamp" and light dimmer switches! :-(
72 de Cameron, KT3A

From ab4el.com Wed Apr 20 14:40:33 1994
From: Duane P Mantick <wb9omc@ecn.purdue.edu>
Subject: Re: Clingman's Dome

>
> The first time I heard of Clingman's Dome was when I was helping our
> daughters study for a social studies test 2 month's ago. Six months ago, our
> family planned a vacation in Maggie Valley, NC during next month. Well,
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> owns a "touch lamp" and light dimmer switches! :-(
> 72 de Cameron, KT3A
>
>

Hey, if you're gonna be in the neighborhood anyhow, GO FOR IT!

If you come into the GSMNP from the NC side, all ya gotta do

is follow that main road through the park to Newfound Gap. The road to Clingman's Dome splits off from there.

Hints: If you want radio and don't care about the view, go anytime of day. The mountain tends to often be foggy with a shitty view in the morning. This haze will often break around noonish or mid-afternoon. Listen to the weather forecasts, too.

Also hint: it can get surprisingly chilly up there, even during the summer. Take a jacket. You can also sunburn surprisingly quickly, especially if you're like me and tend toward that sunburn anyhow. Hats are good. :-)

Since you're apparently going in May, you might want to check out some of the hiking possibilities. I think many of the wildflowers will be in bloom, hopefully you won't have missed them. From the obs. tower at the summit of Clingman's you have access to the Appalachian Trail itself. There are other trails that branch off from that. You can usually purchase some decent hiking trail maps at the main office of the park, down on the Gatlinburg side.

For another nice scenic area, also go to Cades' Cove. Some good hiking can be had from there. I don't know what the radio is like from the cove, though.... :-) :-)

Duane

From ab4el.com Fri Apr 22 10:52:09 1994
From: ryme@husky.bloomu.edu
Subject: contest

The ugly kit contest sounds like an excellent idea.
Brad, put me on your list. I'll past along the idea to our local ARA and the new University Club.

No problem with the wife during construction time, I'll just let her think that I'm finally doing the 'HoneyDo' bench repair jobs. Let's see... how long can it take to repair the old toaster? Um, "hey wife, need a 100 puff cap for the sweeper, a power MOSFET for the stereo, gel cells for the proch lights,"... You know, I could just be on to something here! Try it out guys, and give me the results. {:^)

73
John
N3PFF

From ab4e1.com Fri Apr 22 12:28:12 1994
From: ryme@husky.bloomu.edu
Subject: contest

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give me the results. {:^)

73
John
N3PFF

From ab4e1.com Fri Apr 15 12:31:27 1994
Subject: Re: Contests & Lessons
From: comas@dwcu03.nyo.dec.com

> I had to re-enter them after the contest because the computer lost them.
^^

>>Please, let's be serious a moment. You didn't test your LogicIII setup
>>properly before the contest.

No, It was tested. I just missed a test case scenario which is
quite common in all types of manufacture we as humans do. I found
a bug in the scoring of the contest report, not the logging of the
contest numbers. When I fixed the report I mistakenly thought the data
would not be touched. It was. My mistake was not making a backup
before making changes. If I had make a backup, I would have
restored the lost data. That was the lesson I learned.

>>Anyway, who's got the time to do both in a >>contest like the party
last weekend? :-)

I work, by copying on paper the exchange, and then typing it into
the computer after I press my "Super CMOS II" keyer button which
has the pre-programmed part of my exchange.

>>Why have the computer?

p.s. doesn't seem like it's going to be next week.
Chuck Adams K5FO CP-60
adams@sgi.com

From ab4el.com Fri Apr 22 10:46:22 1994
From: adams@chuck.dallas.sgi.com (Chuck Adams)
Subject: Dayton

Gang,

anyone want to see postings from fellows/gals going to Dayton
and stuff they weren't planning to bring, but could bring if
fellow QRP'er wanted to swap there? kills two birds with one
stone.

Chuck Adams K5FO CP-60
adams@sgi.com

From ab4el.com Thu Apr 21 16:59:34 1994
From: Duane P Mantick <wb9omc@ecn.purdue.edu>
Subject: Re: Dayton

>
> Note: you should bring some extra QSL cards with you to
> Dayton for the purpose of putting on the outside of
> your room. that way, people will know where you are,
> that is if you aren't in hiding. :-)
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In spite of the smiley face at the end, there's not a snowballs chance in
hell that I'd go too far out of my way to announce myself as a ham
in that manner in a big city area. There is crime in Dayton, and you
can bet that a thief would just LOVE to have a motel room advertised to him.

Duane

From ab4el.com Fri Apr 22 19:34:48 1994
From: g3rjv@gqrp.demon.co.uk (George Dobbs G3RJV)
Subject: Re: Dayton

I seem to be getting some QRP groups items twice - anyone else ?

72

--

George Dobbs G3RJV
G-QRP Club

"It is vain to do with more,
what can be done with less."

----- William of Occam (1290-1350)

From ab4el.com Fri Apr 22 13:17:31 1994
From: adams@chuck.dallas.sgi.com (Chuck Adams)
Subject: Dayton Junk

Jason Penn, N9RPT, stated that he thought that Dan's Small Parts
and Oak Hills Research will be at Dayton. BZZZZTT!! Wrong assumption.
Neither will be there.

Those of you who are experienced at Dayton please post your thoughts
and previous experiences.

1. Kits - who was there before
2. Parts - how is the flea market, etc. for toroids, caps, resistors, etc.
3. Old unassembled Heathkits, like the HW-9s, 8s, 7s, etc.
4. Old heathkits assembled and working
5. Availability of TenTec rigs and prices

From what I've been able to determine, Heathkits are getting to be
priced out of the reasonable range. Everybody seems to be treating
them like "wheat" pennies. People are taking them out of circulation
to attempt to make a killing. My personal preference is for a newer
rig with the latest design methodology applied with filtering, etc.

Bring a notebook and take notes. Take pictures. Take money. Take time.
Take everything. :-) Inquiring minds wanna know and we know that there
is probably no single individual that'll see it all. I figure most of
my time will be taken up by BSing with all the guys/gals that I've "met"
over the airwaves and internet. That's OK. If I didn't wanna I wouldn't.
:-)

WOW. The time draws nearer and nearer. Has anyone seen a schedule?
I know about the QRP ditty on Sunday morning. My flight out isn't until
7pm, so there is going to be a lotta dead time in there on Sunday.

dit dit

Chuck Adams K5FO CP-60
adams@sgi.com

From ab4el.com Thu Apr 21 12:01:12 1994
From: mvjf@mvubr.att.com (James M Fitton +1 508 960 2577)
Subject: Dayton Schedule

Here is a (tentative) list of activities for Dayton.....

Thurs... All day: Gather at Hotel QRP Hospitality Suite **
(Someone who arrives early please get key & start
sign-up sheet with name, call, room #)
7pm to 2am. - Hotel QRP Hospitality Suite officially opens.
Reception and Introductions. Dine at hotel.
Flea market set up time *

Fri..... Flea market opens early *
QRP ARCI, MI-QRP, G-QRP/Kanga booths are set up and open.
G-QRP Forum - Building and Construction - George, G3RJV
Evening: Dine at hotel or at local restaurants.
7pm to 2am. - Hotel QRP Hospitality Suite activities:
Introductions, equipment operation, and demonstrations.
9:00 QRP-New England meeting

Sat..... Flea market opens early *
QRP ARCI, MI-QRP, G-QRP/Kanga booths are open all day.
G-QRP Forum - Anyone Can Do It - Paula, WB9TBU, Randy, AA2U
7pm to 2am. - Hotel QRP Hospitality Suite activities:
ARCI BOD and Officers Meeting 6:45 - 7:45 p.m.,
Beer & Pizza party 7:45 p.m.,
Official QRP-ARCI Meeting 9 p.m.

Sun..... Flea market opens early *
QRP ARCI, MI-QRP, G-QRP/Kanga booths are open.
Hotel - QRP Hospitality Suite closed.
G-QRP Forum - Jim, W1FMR Doug, KI6DS, Chuck, K5FO
(Secrets of QRP-NE, NorCal, and N.Tex QRP clubs)
Head Home - Prepare for QRP Hamvention 1995.

* John, WA3SRE offers use of his flea market table to QRPers.

** (Anyone planning to arrive early on Wed. or Thurs., please
copy this notice, post it at front desk, and in Hospitality suite
and start a sign-up sheet with name, call, & room # on it.)

Thanks,

72 Jim, W1FMR

From ab4el.com Thu Apr 14 12:01:50 1994
From: "JEFF M. GOLD" <JMG@tntech.edu>
Subject: Electronics Workbench

HI,

I will see if anyone here is interested before I post on Swap.

I have a brand new sealed in plastic copy of Electronics Workbench for Windows. It is an incredible program used to Design and verify Circuits. I have used it here at the university (this is a legit copy that I purchased for myself.. but the computer deal I was working on fell thru.. doesn't do much good without a computer).

Analog mode includes:

-complete control over all component values
-ideal and real-world models for all active components
-resistors, capacitors, inductors, transformers, relays, diodes,
-Zener diodes, LEDs, BJTs, opamps, bulbs, fuses, JFETs and Mosfets
-manual, time-delay, voltage-controlled, and current controlled
sources
-multimeter
-functions generator (1 Hz to 1Ghz)
-dual-trace scope
-Bode plotter
-SPICE simulation of transient and steady-state response

Digital mode includes:

-fast simulation of ideal components
-AND, OR, XOR, NOT, NAND and NOR gates
-LED probes, half-adders, switches and seven-segment displays
-word generator (16 eight-bit words)
-logic analyzer (converts among gates, truth table and Boolean
representations)

In magazines \$299.00.. sell for \$150.00 +shipping or trade for
really nice meter that has capacitance and inductance appropriate
for QRP building (and lots of other functions), or possibly for

some other ham related item.

73

Jeff, AC4HF

From ab4el.com Wed Apr 20 18:55:02 1994
From: B61395@awtims.fe.anlw.anl.gov
Subject: Freudian Slip?

Can't believe this went by without comment last week -- From Bill, N8ET:

>Does anyone know what happened to Chuck ?? I have not seen a post from him
>since the middle of the QSO Party, and he is usually god for two or three a
>day...

HI HI :-)

dit dit
!

From ab4el.com Wed Apr 20 22:53:34 1994
From: stark <mswmod@sage.unr.edu>
Subject: Re: Freudian Slip?

On Wed, 20 Apr 1994 B61395@awtims.fe.anlw.anl.gov wrote:

> Can't believe this went by without comment last week -- From Bill, N8ET:
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> >since the middle of the QSO Party, and he is usually god for two or three a
> >day...
>
> HI HI :-)
>
> dit dit
> !

Does anyone claim to be his son? :-)

.....KU7Y.....
.....Monte "Ron" Stark.....
.....Sun Valley, Nevada.....

From ab4el.com Thu Apr 21 12:45:42 1994
From: N8ET@delphi.com
Subject: Re: Freudian Slip?

Now that someone has noticed my slip and brought it to the net's attention - It is time to publicly announce that I should have read " GOOD for one or two....." - not "GOD for one or two..." My apologies to Chuck, and it is GOOD to see him back on here - slowly recovering from the W6 trip nad getting back up to speed with a couple of posts a day....

72/73 - Bill - N8ET

From ab4el.com Fri Apr 22 12:45:40 1994
From: "DONALD A. COLEMAN (EXT. 2850)" <DACOLEMAN@fair1.fairfield.edu>
Subject: good idea!

I think you have a very good idea there--about swapping junk-box contents, I mean. What with all the swap nets on the air these days, such a network (of whatever sort) would kind of round things out for us electronic bums.

And speaking of bums, I amusedly resent all these up-start claims to crudity. After all, I've got a reputation to live down to here! My stuff doesn't come from dumpster-diving, I have to acknowledge. Most of it comes from bargain packs of junk from Radio Shack and other places. My vfo is a pto made from a tv peaking coil or something--I don't know what it is really. I put some kind of nylon gear on the threaded stem on the coil slug. You have to adjust the base bias on the osc. transistor in order to get a decent keying characteristic on the osc. output. It's a different *kind* of crudity, but I know my superiors when I run into them.

Hope everyone has a good weekend.

Don Coleman, W1VOQ

From ab4el.com Tue Apr 19 21:19:05 1994
From: adams@chuck.dallas.sgi.com (Chuck Adams)
Subject: good news - bad news

Gang,

I got some good news and I got some bad news.

Good News - received Spring 1994 issue of Hambrew
Bad News - received Spring 1994 issue of Hambrew

Total of 48 pages, counting front and back cover.

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There wasn't, IMHO, that much exciting in the issue.
The review of the MXM Transceiver, of which I have two,
was complimentary to the rig but not much meat.

On page 45, there are two photographs of W8MVN!!! and
his setup. For those of you who didn't work him, at
least you can see what he looks like. :-)

The 15W transmitter is for 15 meters uses a 74HC240
for an oscillator. Don't know about you guys, but I
just can't see generating square waves for output
to a 7 pole Cheby filter to go to an antenna. It's
just not spectrally within the FCC requirements for
harmonic supression. I'll do the analysis and put
it in the K5FO Newsletter. And the phrase (and I quote)
"The following ten meter circuit values should work,
but there may still be a few bugs to iron out".
Don't think that I'd publish anything like that and
hope that I never have to eat my words if I do. :-)

I have probably wasted too much bandwidth already and
I apologize.

dit dit

Chuck Adams K5FO CP-60
adams@sgi.com

From ab4el.com Mon Apr 18 17:01:17 1994
From: aarnett@prairienet.org (Andrew Arnett)
Subject: Hamfest

The Sullivan (IL) hamfest yesterday marks the official start of the hamfest season.

The only HF qrp rig I saw which did not cover 27 MHz was an HW-7 with a clean case. I don't think it sold.

I picked up a Swan SWR-1A vswr meter. It's dimensions are 2.5x3x5 inches which is much smaller than the one I built. Perfect for portable work.

Good luck & happy hamfesting,
Drew kb9fko
aarnett@prairienet.org

From ab4el.com Wed Apr 20 19:05:16 1994
From: Clark Fishman (FSAC-FCD) <cfishman@PICA.ARMY.MIL>
Subject: Hamfest

Anybody know when the Rochester, New Hamshire (not New York) hamfest is going to be...???? this used to be the Deerfield fest

Tnx Clark Fishman WA2UNN

cfishman@pica.army.mil

From ab4el.com Thu Apr 21 12:55:27 1994
From: Edward Parish <parish@Think.COM>
Subject: Hamfest

From: Clark Fishman (FSAC-FCD) <cfishman@PICA.ARMY.MIL>
Date: Wed, 20 Apr 94 14:54:44 EDT

Anybody know when the Rochester, New Hamshire (not New York) hamfest is going to be...???? this used to be the Deerfield

fest

Tnx Clark Fishman WA2UNN

cfishman@pica.army.mil

It is Friday May 6 and Saturday May 7.

From ab4el.com Thu Apr 21 13:39:32 1994

Subject: Re: Hamfest

From: "John F. Woods" <jfw@ksr.com>

> Anybody know when the Rochester, New Hampshire (not New York)
> hamfest is going to be...???? this used to be the Deerfield
> fest

And does anyone have driving directions?

John, WB7EEL

From ab4el.com Thu Apr 21 22:59:58 1994

From: andrews@fms.com (Andrew Sargent N80FS)

Subject: Re: Hawaii 10M beacon project

Hello again Jeff,

Hey, I recieved your \$cash\$ no problem. I've been busy, and I haven't been able to get to my other office to send out the xmitter UPS. BTW, if you want to save some money, I'll rip the power-supply out of it. That'll save you 4 pounds, think about it. I have a box, I have the packing materials, I just need a moment at my other office without being run-around-in-a-million-directions.

ABT the QSL thing, if it says "...QSL VIA N80FS..." I'll order the cheap cards tommorrow. I think it would really be fun to be the QSL manager for the _only_ 10M beacon in HI. I also need to know what freq your going to put it on so I can tell all my friends.

Well, got to get back to studying... So long for now...

--

Mesmerized by a decade of hate,	! AMATEUR =	N80FS
Flowers and remorse,	! ARMY MARS =	AAN5HJT
Fading vision lost in time,	! CB =	THE NEON KNIGHT
Tragedy on course!!! - Frontline Assembly	! HACKER =	TH3 N30N KN16Ht

From ab4el.com Thu Apr 21 23:00:03 1994

From: andrews@fms.com (Andrew Sargent N80FS)
Subject: Re: Hawaii 10M beacon project

> Jeffrey Herman
> Mathematics Department
> University Of Hawaii
> 2565 The Mall
> Honolulu, HI 96822
>
> Thanks so much, Andy!
>

--

Mesmerized by a decade of hate,	! AMATEUR =	N80FS
Flowers and remorse,	! ARMY MARS =	AAN5HJT
Fading vision lost in time,	! CB =	THE NEON KNIGHT
Tragedy on course!!! - Frontline Assembly	! HACKER =	TH3 N30N KN16Ht

From ab4el.com Sat Apr 16 14:37:29 1994
From: James Speer <F_SPEERJR@CCSVAX.SFASU.EDU>
Subject: hello, Jim

Jim wrote:

>>
>> Gentlemen and Ladies: I like to think of these newsgroups as a
>> friendly place to get away from the ratrace of amateur radio in
>> which I work. When I go to the local gin mill, I don't expect to
>> see anything I say show up in the Newington Town Crier next week....
>> I don't expect to see anything I say here show up in any QRP
>> newsletters or any other media, either, unless you have asked for
>> and received my permission. It's happened once and I went away
>> for a while. If it happens again I'm going away for good. I don't
>> need the trouble. If you are the editor of a newsletter and you
>> can't give me the courtesy of asking first, you need to learn a
>> little about the writing game. And please don't cloak any
>> responses in the First Amendment.....
>>.....stuff deleted....
>> If I see anything of mine in a newsletter
>> and prior permission wasn't granted, I'm outta here.
>>
>> 73
>>
>> Jim Kearman, KR1S
>> jkearman@arrl.org

Steve responded:

>I'm going to "publish" the above "open letter / threat" on a poster

>board at my RARS-fest table this Sunday and solicit comment...
>
>Good-bye, Jim. :^)
>
>73,
>
>Steve Modena nmodena@unity.ncsu.edu
>
>P.S.
>Are postings to the boatanchor list and the qrp list copyrighted
>materials...or strictly confidential, non-disclosure utterances?

I now respond:

1. As Steve may not have noticed, Jim works for ARRL. What he says may be mistaken for official positions of the organization. For this reason, his employers have expressed concern in the past about his participation in public forums like this. Widespread dissemination of his informal comments, if those comments were misunderstood, might have very serious consequences for Jim.

I, for one, value Jim's contributions to this group and intend to continue to treat Jim's contributions as I would those of any friend I was having an informal chat with: Not secret, but not intended, either, for publication on the front page.

I happen to know about Jim's situation, but I do not know the situation of most other contributors to this list. Therefore, as a matter of common courtesy, I plan to continue to treat everyone's postings as I do Jim's.

2. We should have learned from the discussion thus far that the copyright laws are complex, and one cannot be sure whether postings to these lists are copyrighted or not. It does not seem to me, however, that that is the issue. I would have thought the issue was a simple one: Would you print a letter a friend wrote you in the newspaper without first getting that friend's permission? If you would not, then I can't imagine how you could bring yourself to do the equivalent with a posting to one of these newsgroups.

3. I hope that if Steve intends to display Jim's note, he will also display with it this one. More formally, I herewith give my permission for MY contribution to this posting (that NOT marked with ">'s") to be reproduced anywhere, in any form, so long as it remains unchanged.

73,
Jim
K5YUT

From ab4el.com Fri Apr 15 22:47:44 1994
From: Jeffrey Herman <jherman@uhunix.uhcc.Hawaii.Edu>
Subject: help me

Gang,

I just received notice from someone in Scottsdale Arizona that someone else is using my callsign and sending 'obscene CW messages' on 40M. Have any of you copied any such transmissions? The date and time was 0200 12 April. Please help me in this matter.

73,

Jeff NH6IL

From ab4el.com Thu Apr 21 16:30:10 1994

From: ryme@husky.bloomu.edu

Subject: homebrew

Jeff,

You homebrew projects with wooden blocks and wood screws?

Wood screws? You mean to tell me that I can use screws to hold these rigs together? Wow, what a concept! {:^)

I'll try that next project. Tell me, what other modern shortcuts can I use?

73, (smile on face, tongue in cheek)

John

N3PFF

From ab4el.com Thu Apr 21 10:22:46 1994

From: jkearman@arrl.org (Jim Kearman)

Subject: Hosstraders Hamfest in New Hampshire

It's May 6-7 (Fri-Sat).

New England QRP Club will be meeting there on Saturday afternoon.

73

Jim

From ab4el.com Tue Apr 19 23:24:11 1994

From: ah301@yfn.ysu.edu (Jerry Sy)

Subject: how difficult really is QRP

ok, nobody has replied to my earlier posting yet about my questions on equipment/rig I need to get started in QRP.

I always read about success stories here and in magazines and never horror or failure stories. I have asked a lot of local hams and so far not a single one recommend it, they say I will be frustrated, hams ignore weak signals, propagation condition for QRP is not good and I won't get anywhere, kit quality not that good, and many more reasons.

How popular is QRP considering there are only a few thousand (<100K ?) hams who do QRP compared to the millions of licensed hams ?

73s de Jerry N3RKD

--

What is six multiplied by nine ?

From ab4el.com Wed Apr 20 13:15:10 1994

From: g-taylor4@tamu.edu

Subject: Re: how difficult really is QRP

> I always read about success stories here and in magazines and never
> horror or failure stories. I have asked a lot of local hams and
> so far not a single one recommend it, they say I will be frustrated,
> hams ignore weak signals, propagation condition for QRP is not
> good and I won't get anywhere, kit quality not that good, and
> many more reasons.

Reponse to this should be interesting! As Ade Weiss says in the "Joy of QRP" frustration is a function of expectations, i.e. don't expect more than your rig/antenna/experience can deliver. Chances are a dipole at 20ft wont get you much dx with 5 watts just starting in qrp at this point in the cycle, although it is possible. Improvements in all areas to include experience will lead to successively rewarding experiences.

72, Greg KD4HZ

I am looking for a HW-8 and an average price figure. Can anyone tell me about what they are selling for if you can even find one??????????

73's Evert WA50JI

From ab4el.com Thu Apr 21 11:17:06 1994
From: Randall Rhea <randall@informix.com>
Subject: Re: HW-8

=>
=>I am looking for a HW-8 and an average price figure. Can anyone tell
=>me about what they are selling for if you can even find one?????????
=>
=>73's Evert WA50JI
=>

I haven't posted this on Usenet for awhile, but I will soon, and I will get more responses and update it. The two responses I have for an HW-8 are \$75 for one that needed work and \$115 for one in good condition.

USED HF & 6m RIG PRICE SURVEY
26 Oct 1993 Version

Here is a list of actual transactions involving buying and selling of used HF amateur radios.

I have absolutely no affiliation with any ham-radio-related business. Rigs are sorted by maker, model, and price. All transactions were made within the past three years. I welcome any additional responses; please indicate maker and model of your used rig, date bought/sold, how sold (Usenet, retailer, on air, private, etc.), price, condition, and any accessories or options. This survey is limited to used HF and 6m rigs only. For prices on new rigs, consult the AES catalog, or call a ham retailer for a quote. ("List" prices are usually much higher than actual prices.)

Make	Model	How Sold	Price(US\$)	Extras	Comment
-----	-----	-----	-----	-----	-----
ATLAS					
	210X	OnAir	\$150	None	Good condn,6/93
COBRA					
	148	Hamfest Foothl	\$70	None	CB convrtd to 10m
COLLINS					

75S3B/32S1	Usenet	\$500	Spkr,PS	good condn
------------	--------	-------	---------	------------

DRAKE

TR-3	Retailer	\$300	None	fair condn
TR-5	Internet	\$300	CW flt,PS	good condn
TR-4	Hamfest Foothl	\$275	spkr,mic,PS	fair condn
TR-4	Hamfest Foothl	\$300	spkr,mic,PS	fair condn
R-4C/T-4C	OnAir	\$200	PS,VFO	separate rcvr/xmtr fair condn
TR-7	Usenet	\$600	3 flt, PS	good condn

HEATHKIT

HW-8	Hamfest	\$75	none	no manual,need align
HW-8	Hamfest Evnsvl	\$115	PS	good condn
HW-101	Private	\$125	CW flt,mic,PS,spkr	good condn
HW-101	Private	\$150	CW flt,mic,PS,spkr	good condn
HW-101	Usenet	\$200	CW flt,mnl,PS,spkr	needed some work,3/92
Mohawk/Mrdr	Private	\$80	mic,mnl	TX/RX pair,1960,7/93
SB-101	Usenet	\$110	CW flt	good condn
SB-104A	Private	\$150	VFO,PS,mic,mnl	needed work,7/93
SB-200	YelloSht	\$325	New tubes	good condn
SB-300/400	Usenet	\$125	CW/AM flt,spkr,mnl	poor condn,4/92
SB-300/400	Usenet	\$225	CW/AM flt,spkr,mnl	good condn,5/93
SB-303	Usenet	\$100	Cw flt, manual	rcvr, good c, 8/92

HALLICRAFTERS

S-19	Private	\$95	None	good con, 6/92
S-38	Hamfest	\$35	None	good con, 6/92
S-120	Usenet	\$60	None	good con, 6/92
SX-42	Usenet	\$135	None	fair con, 6/92
SX-101	Hamfest	\$160	None	good con, 6/92
SX-110	Usenet	\$85	None	good con, 6/92

HAMMERLUND

HQ-145	Private	\$45	none	good condn
HQ-145	Private	\$85	none	good condn
HQ-170	Hamfest TRW	\$250	spkr	new condn
SP-200	Hamfest	\$45	no PS	good condn,9/93

HENRY/TEMPO

One	Hamfest NC	\$140	none	fair condn
2020	NutsVolts	\$75	none	fair condn

ICOM

IC-551	Private	\$350	FM	6m rig, new condn
IC-575H	Retailer	\$500	None	6m, 7/93,poor condn
IC-575H	Retailer	\$720	None	6m, 5/93,good condn
IC-575H	Retailer	\$1000	None	6m, mint, 6/93
IC-720A	Hamfest Lvrmr	\$400	CW flt	near new condn
IC-730	OnAir	\$400	none	fair condn
IC-735	Usenet	\$600	None	good condn
IC-735	Usenet	\$700	CW flt, keyer	good condn
IC-735	Private	\$800	Keyer,spkr,PS	1 yr old, w/paddle
IC-740	Hamfest NH	\$575	PS,CW flt,FM	good condn
IC-740	Dayton	\$650	CW flt	good condn
IC-745	Usenet	\$600	PS,keyer,CW flt	good condn
IC-745	Dayton	\$650	PS,keyer,CW flt	good condn
IC-751	Retailer	\$700	CW flt	new condn
IC-751	Hamfest NC	\$750	PS,CW flt,keypd	w/speech modl
IC-751A	YlloSht	\$850	None	1 yr old
IC-751A	Retailer	\$1150	PS,CW/SSB flt	good condn
IC-761	Private	\$1300	none	good condn
IC-765	Usenet	\$1600	3 CW flt	new condn
IC-765	QST Clasfd	\$1788	none	new condn
IC-765	Retailer	\$1800	none	fair condn
IC-765	Usenet	\$2000	w/all options	good condn
IC-781	OnAir	\$3500	none	good condn
IC-781	QST Clasfd	\$4000	none	new condn

JOHNSON

ValiantI	Hamfest TRW	\$150	None	fair condn
VikRanger	Hamfest TRW	\$100	None	fair condn

KENWOOD

TS-120S	OnAir	\$300	none	fair condn
TS-120S	Usenet	\$350	PS	fair condn
TS-140	Private	\$550	none	new condn,7/93
TS-140	Private	\$700	CW flt	new condn,7/92
TS-180S	Usenet	\$450	FC,CW flt	fair condn
TS-430S	Private	\$500	none	good condn
TS-430	Private	\$600	FM bd	good condn
TS440S/AT	OnAir	\$750	2 flt, ant tunr	new condn
TS440S/AT	OnAir	\$850	2 flt, ant tunr	new condn
TS-520	OnAir	\$300	None	good condn
TS-520	Private	\$325	mic,CW flt	good condn, 9/93
TS-520	Private	\$350	mic>manual,meter	good condn
TS-520	Private	\$450	Heath amp,mic	good condn

TS-520S	Private	\$300	Heath amp,mic	FC, good condn
TS-520S	Usenet	\$375	CW flt,MFJ tuner	good condn
TS-520SE	YlloSht	\$350	VFO,spkr	
TS-520SE	OnAir	\$500	VFO,spkr,CW flt, mic	
TS-530S	Private	\$425	none	good condn
TS-530S	Private	\$550	spkr,desk mic	good condn
R-599A + T	Private	\$175	separate Rcvr/Xmtr	needed repair
TS-690	OnAir	\$1800	CW flt,PS,stab,VM	new condn, w/6m
TS-820	Hamfest NJ	\$400	none	fair condn
TS-820S	Usenet	\$165	none	needed repair
TS-820S	Usenet	\$575	CW flt,MFJ ant tr, spare finals	prob with display
TS-830S	Hamfest LA	\$600	none	good condn
TS-830S	Hamfest Cincin	\$600	none	good condn
TS-830S	Retailer	\$650	desk mic	good condn
TS-850S/AT	OnAir	\$1250	3 flt, ant tunr	new condn
TS-940SAT	Usenet	\$1150	spkr,desk mic, ant tunr,CW flt	good condn
TS-940SAT	Retailer	\$1450	VM,spkr,ant tunr	good condn
TS-950S	Retailer	\$2000	none	good condn
TS-950S	Retailer	\$2000	all options	new condn

RADIO SHACK

HTX-100	Hamfest Foothl	\$150	none	sale in 1991, 10m
HTX-100	Retailer	\$159	none	RdoShk tent sale, 10m

SWAN

350	Retailer	\$175	PS,spkr,spr tubes	good condn
-----	----------	-------	-------------------	------------

TEMPO/HENRY

One	Hamfest NC	\$140	none	fair condn
2020	NutsVolts	\$75	none	fair condn

TEN-TEC

Century 21	OnAir	\$150	None	good condn
Century 21	Usenet	\$165	None	new condn
Corsair 1	Retailer	\$595	CW flt	good condn
Omni D	Private	\$400	None	good condn
Paragon	Private	\$1650	PS,FM,CW flt	new condn
Triton IV	YlloSht	\$200	None	
Triton IV	YlloSht	\$300	PS,CW flt, NL	No mic, good condn
Triton IV	YlloSht	\$300	PS,CW flt, NL,mic	

UNIDEN

HR-2600	Usenet	\$160	None	Good condn, 10m
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YAESU

FT77	Private	\$440	VFO	New condn
FT101B	Private	\$400	scope,PhP,spkr,FC	Good condn
FT101E	Usenet	\$350	none	
FT101EE	Retailer	\$400	none	w/warranty,fair condn
FT620B	Private	\$175	none	6m,9/92
FT-726R	Usenet	\$600	2m,70cm,Sat	VHF rig
FT-726R	Retailer	\$950	6m,2m,70cm	6m+VHF rig
FT747GX	Retailer	\$550	CW flt	good w/warranty
FT767GX	Usenet	\$850	6m,2m	HF+VHF rig, good cond
FT767GX	YelloSht	\$1375	6m,2m,70cm	HF+VHF rig, good cond
FT767GX	OnAir	\$1440	6m,2m,70cm,flt,spk	HF+VHF rig, good cond
FT1000	OnAir	\$2000	none	good condn

ABBREVIATIONS

2m	Two Meter band module included
6m	Six Meter (50 MHz) band included
10m	Ten Meter (28 MHz) band only
70cm	70 Centimeter (440 MHz) band included
Amp	Linear amplifier
Bd	Board
CW flt	CW narrow filter
FC	Frequency Counter
Flt	Filter
FM	FM unit
Foothl	Foothill hamfest (California)
Lvrmr	Livermore, California
mn1	Manual
mic	Desk mic
NC	North Carolina
NL	Noise limiter
NutsVolts	Nuts and Volts Periodical
OnAir	Sold through on-the-air contact or packet
PhP	Phone Patch
PS	Power Supply
Sat	Satellite unit
Stab	Extra stable oscillator
TRW	TRW Swap Meet (Los Angeles CA)
VFO	External VFO
VM	Voice Module
YlloSht	Yellow Sheet Ham Trader Periodical

--

```
=====
Randall Rhea                                Informix Software, Inc.
Project Manager, MIS Sales/Marketing Systems  randall@informix.com
```

```
=====
Randall Rhea                                Informix Software, Inc.
Project Manager, MIS Sales/Marketing Systems  randall@informix.com
```

From ab4e1.com Fri Apr 22 09:39:28 1994
From: ryme@husky.bloomu.edu
Subject: Jeff's projects

Jeff,

I agree with Ron KU7Y, sure glad you didn't have to empty all those coil forms your self!

OK, I'll stop pulling your leg for a moment.
Did you ever consider pooling dumpster dive resources? We could swap our good junk for someone else's good junk. We could all benefit from this. You never know what goodies lurk in the other guy's junkbox.

I will that some time this weekend to search through the junk box. If you folks are interested, I will post items for swap, trade, sell, or whatever. I know darn well that I will not have time to start a few "round tuit" projects I have been saving. I have also found new interests, such as the QRP rigs, to hold my interest.

Give it some thought, let me know.

73

John
N3PFF

From ab4e1.com Wed Apr 20 01:46:28 1994
From: ah301@yfn.ysu.edu (Jerry Sy)
Subject: joining clubs and ordering kits

I have been reading the qrp archives (from ftp site) and would like to join the ARCI and NorCal (this is the one that has QRPP, right ?)_

Do I just send my check to the address shown in the article ?

how about ordering the SP-1 kit , do I just send my check to them
and they know to send me the kit ? I'm not used to this kind of mail order
transaction.

is the super cmos keyer II still available from R&R (?) ?

73s de Jerry N3RKD

--

From ab4el.com Mon Apr 18 03:39:37 1994
From: dh@deneb.csustan.edu (Doug Hendricks)
Subject: June QRPp Table of Contents

The June QRPp is finished and here is a list of the table of contents.
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Total pages this time is 80 counting the front and back cover. The lead article is the QRP Deluxe Station by W6QIF. This is reprinted WITH permission from the Winter edition of Communications Quarterly, Terry Littlefield, editor, and the author, Jim Pepper, W6QIF. It is the policy of QRPP that no article will be printed without the expressed permission from the author.

See you at Dayton. I will have a preview copy at the Hospitality room of ARCI, but the rest will have to wait til they get back from the printers after Dayton.

72, Doug
KI6DS

From ab4el.com Fri Apr 15 20:58:31 1994
From: adams@chuck.dallas.sgi.com (Chuck Adams)
Subject: last posting

I do know English. Excuse the spelling and use of the even wrong words. I know better. It must be jet lag. :-)

copyright 1994 :-)

Chuck Adams K5FO CP-60
adams@sgi.com

From ab4el.com Wed Apr 20 23:46:32 1994
From: laurahal@microsoft.com
Subject: RE: Low power FH xmitter/rcvr constructi

Andy Hull writes:

> I am interested in building a low power, frequency hopped
> transmitter/receiver for an experimental project. Can
> someone provide some technical assistance on how to build
> the necessary circuits, and a good reference or two to
> fill in the details.

A handy place to start is the ARRL's Spread Spectrum Sourcebook. Check recent ARRL Handbooks also; real keeners will want to check some of the professional literature, like Dickson's classic book on the subject. U.S. patent number 2,292,387 "Secret Communication System" (FH spread spectrum), though granted in 1942, still has some useful ideas on synchronising the

transmitter and receiver. They used player piano innards to generate PN sequences. We use logic chips now.

You won't believe the names on the patent: Hedy Kiesler Markey was better known as movie star Hedy Lamarr...

Electronics World and Wireless World had a series on SS last year, with full construction details of a 70cm direct sequence system with do-it-yourself sliding correlators.

Spread spectrum is still considered sensitive technology, and there are significant restrictions on using it in many countries (including the U.S.). Please make sure you understand them. Among other things, only certain PN sequences are allowed.

73 from Burnaby,
laura VE7LDH

From ab4el.com Wed Apr 20 19:20:42 1994
From: "Andrew W. Hull" <hull@platypus.csl.uiuc.edu>
Subject: Low power FH xmitter/rcvr construction

I am interested in building a low power, frequency hopped transmitter/receiver for an experimental project. Can someone provide some technical assistance on how to build the necessary circuits, and a good reference or two to fill in the details.

All help will be appreciated.

Thanks!

Andy Hull
Univ. Illinois
hull@what.csl.uiuc.edu
(217) 333 6444

From ab4el.com Sat Apr 16 12:59:09 1994
From: ak238@yfn.ysu.edu (Keith M. Hamilton)
Subject: MFJ 9040

I know we would all like to solve the problems of the world, but could we do it somewhere else? I read this group for electronic and radio information. Take the other discussions elsewhere please.

Now ----- I had a chance to see a MFJ-9040 recently and I was VERY impressed. I am considering buying one at Dayton.

Lets hear your comments pro and con about this rig -- seems like the best rig for the money out there to me. Am I right or wrong?

--

Keith M. Hamilton 73 de N08Z
ak238@yfn.ysu.edu
Youngstown, Ohio

From ab4el.com Wed Apr 20 09:45:06 1994
From: C=BAILEY%IS%211EIS@ANG193FS.ang.af.mil
Subject: N3RKD and QRP: Response

In response to Jerry's comments on recommended rigs and QRP in general, I wish to share my ideas.

QRP is an art and a philosophy. I am lured into challenges. QRP is a challenge. If you were a fisherman, you could catch hundreds of fish by throwing a stick of dynamite into the lake. If you were a hunter, you could hit that deer with an M16. But, are you satisfied?

Look at contest results and note the QRP scores compared to others.

Both operators may be happy with their scores even though the QRP op had a much lower score. I am okay if I work someone with 100 watts. I know that with 2 watts and good skills I still work them. I feel better working them with 2 watts than if I used 100 watts. It makes radio that much more magic to me. If I work them with something I built and not something mass produced in Japan, I feel even better! I take more pride in the contact.

Just as the race car mechanic tries to build a car to go faster and burn less fuel, so is the QRP'er with their equipment.

As for your rig.....you can buy a QRP rig built. You can build a kit. You could build from proven plans. Or, you could design your own. You are no less a person for choosing any of the above. It is all in what you want.

If you have a 100 watt radio I suggest operating with 5 watts to start.

Most rigs can be backed down. If you can build, maybe buy a kit.

Never before has there been so many QRP kits. If you are skilled in construction or design, build from plans or brew your own. The group is here to help you. You don't always find such an opportunity. Let us know what you would like.

72 de Cameron, KT3A

From ab4el.com Sun Apr 17 03:24:04 1994
From: dh@deneb.csustan.edu (Doug Hendricks)
Subject: NC40 Partial Kits

The NorCal QRP Club is offering a partial NorCal 40 kit. There were so many requests for NC-40s that we could not fill due to the fact that they were sold out that we have decided to offer partial kits of the hard to get parts and let the builders chase their own parts. NorCal is selling the partial kits which include: pcboard, custom case, standoffs, special screws, MV108 Varactor diode, and the Manual. These are the difficult parts to obtain, and the rest of the parts are available through sources listed in the manual. The cost is \$25 and includes shipping and handling for domestic orders. Foreign orders are asked to send \$30. California residents must add \$1.94 for sales tax. To order, send your check to:

Jim Cates, WA6GER
3241 Eastwood Rd.
Sacramento, CA 95821

The boards were ordered Friday from Far Circuits, and as soon as Jim gets delivery, he will start shipping orders.

Why aren't we doing full kits? Because we are gearing up for the Sierra, our all band kit that will be introduced at Dayton. The brochures go to the printers this week, and will be mailed out "first class mail" as soon as I get them back. Remember, the Sierra will only be sold to NorCal members. All members (over 450) will receive the brochure.

The June issue of QRPp will be 80 pages. A table of contents will be posted soon.

72, Doug, KI6DS

From ab4el.com Mon Apr 18 13:04:08 1994

Subject: Re: NC40 Partial Kits

From: "John F. Woods" <jfw@ksr.com>

> The brochures

> go to the printers this week, and will be mailed out "first class mail" as
> soon as I get them back.

I will pitch a tent next to my mailbox.

> Remember, the Sierra will only be sold to NorCal

> members. All members (over 450) will receive the brochure.

This, then, is a commemorative kit for senior members of the
Quarter Millenium Wireless Association?

73, John, WB7EEL

From ab4el.com Tue Apr 19 00:34:16 1994

From: djwang@sneezy.biophys.upenn.edu

Subject: RE: NC40 Partial Kits

Hi, I am new to this group and Ham Radio (got my ticket a week ago). I am interested in qrp homebrewing. This NorCal 40 kit seems to be very popular here. Can somebody posted some info here or E-mail to me please? I would like to find out things like DC/superhet?, Xtal filter?, CW/SSB? ...etc. I really have no idea about the kit. Info on other kits are also appreciated. Thanks.

73 DE N2YKP/AA

D. J. Wang

```
*****
* Metabolic Magnetic Resonance      Internet: djwang@sneezy.biophys.upenn.edu *
* Research & Computing Center        RF: N2YKP/AA                               *
* University of Pennsylvania        Twisted Pair: (215)898-9357                 *
* Radiology Department                                                       *
* Philadelphia, PA 19104-6021                                                  *
*****
```

From ab4el.com Wed Apr 20 05:13:30 1994
From: dh@deneb.csustan.edu (Doug Hendricks)
Subject: Need Email address

I hate to do this, but I absolutely must find Ron Majewski's email address. Does anyone have it? Or Ron can you send it to me direct if you are still on the system? 72, Doug

From ab4el.com Wed Apr 13 21:00:52 1994
From: rsmills@mtu.edu (Ron Mills)
Subject: New

Name: Ron Mills
QTH:Houghton, MI (Upper Peninsula) Michigan Technological University
Call:N8ZBL (Soon to be changed)
Email:RSMILLS@mtu.edu
QRP Rig:None Yet (Going to get MFJ 9140)
Hobbies:Camping,Hiking,Fishing,HAM Radio (obviously!)
Other: If anybody has suggestions about a good, innexpesive QRP rig, please let me know, I am a college student and funds are hard to come by. Also if you are HF active, give a call to W8YY, cw or voice, I might just respond. W8YY is the club station for the Husky Amatuer Radio Club (HARC).

From ab4el.com Fri Apr 22 21:42:28 1994
From: dh@deneb.csustan.edu (Doug Hendricks)
Subject: NorCal 40 Parts Info

This information is being posted to the net in response to several requests for the information.

Here is a list of parts that are not included in the NorCal 40 partial kit now being offered by the NorCal QRP Club. The partial kit consists of pcboard, custom case with drilled front and back panels, standoffs, special screws, MVAM 108 varactor diode and instruction manual. The partial kit sells for \$25.00 postpaid. Foreign orders are \$30.00. California residents must add 7.75% sales tax and should include \$26.94. Send orders to:

Jim Cates, WA6GER
3241 Eastwood Rd.
Sacramento, CA 95821

Make checks and money orders out to Jim Cates and not to NorCal QRP club.

Part	Number	Source
3 - 5 pF 10%/50V disc	21CB005	Mouser
1 - 10 pF 10%/50V disc	140-CD50S2-010J	Mouser
5 - 47 pF 10%/50V disc	21CB047	Mouser
3 - 150 pF 10%/50V disc	21CB150	Mouser
5 - 270 pF 10%/50V disc	140-CD50S2-271J	Mouser
1 - 39 pF Silver Mica 5%	232-1000-039	Mouser
2 - 330 pF Poly 5%	23PS133	Mouser
2 - 390 pF Poly 5%	23PS139	Mouser
1 - 820 pF Poly 5%	23PS182	Mouser
2 - 1200 pF Poly 5%	23PS212	Mouser
4 - .01uF Mylar/10%/100V	140-PM2A103K	Mouser
7 - .047uF Mylar/10%/100V	140-PM2A473K	Mouser
3 - .1uF Mylar/10%/100V	140-PM2A104K	Mouser
4 - 2.2uF elec. non-pol	140NPRL50V2.2	Mouser
3 - 22uF elec./25V	140-XRL25V22	Mouser
2 - 100uF elec./25V	140-XRL25V100	Mouser
1 - 2-24pF air variable	530-189-0509-5	Mouser
4 - 8-50pF mica variable	24AA024	Mouser
7 - 1N914 Diodes	1N914BPH	Digikey
1 - 1N5817 Shottky	1N5817GI	Digikey
1 - 36V/1W Zener diode	333-1N4753A	Mouser
1 - LM386	LM386N	Digikey
1 - LM393	LM393N	Digikey
3 - NE602N	NE602N	Digikey
1 - 78L08	AN78L08	Digikey
6 - 15 UH chokes	43LS155	Mouser
1 - 1 MH chole	43LS103	Mouser
4 - T37-2 Toroids	T37-2	Amidon

1 - FT37-43	FT37-43	Amidon
1 - T68-7	T68-7	Amidon
2 - *3.5mm stereo jack, pcm	161-3501	Mouser
1 - *BNC jack, pc mount	177-3138	Mouser
1 - *RCA jack, pc mount	161-4215	Mouser
1 - *500 ohm pc mount pot	31CW205	Mouser
1 - *10K pc mount pot	31CW401	Mouser
1 - *100K pc mount pots	31CW501	Mouser
1 - 20 ohm-1/4 watt resistor	20Q	Digikey
1 - 100 ohm-1/4 watt resistor	100Q	Digikey
2 - 510 ohm-1/4 watt resistor	510Q	Digikey
3 - 5.1K - 1/4 watt resistor	5.1KQ	Digikey
4 - 47K - 1/4 watt resistor	47KQ	Digikey
2 - 4.7M - 1/4 watt resistor	4.7MQ	Digikey
1 - 8.2M - 1/4 watt resistor	8.2MQ	Digikey
2 - 200 ohm trimpots	531-PT10H-200	Mouser
2 - *SPDT, PCMT Rt/Angle Sw.	10TF130	Mouser
2 - 2N2222A plastic trans.	511-2N2222A	Mouser
1 - 2SC799 or MRF237 trans	2SC799	RFParts
4 - MPF102 trans.	MPF102	Digikey
1 - 2N3906	333-KN3906	Mouser
6 - 4.915 MHz Crystals matched to +/- 20 KHz. Buy 10 or so surplus crystals and take the closest 4 for the filter. Crystals are available from Digikey and Mouser.		
4 - Rubber Feet	517-SJ-5018GY	Digikey
1 - Heatsink	33HS502	Mouser
2 - Knobs, .6"	450-2034	Mouser
1 - Knob, 1.38"	450-2039	Mouser
1 - Nylon nut, 6-32	561-G632	Mouser
1 - Nylon screw, 6-32 x .5"	561-J632.5	Mouser
1 - Fiber washer, #6	534-3233	Mouser
5 Feet #26 enamel wire		Local
9 Feet #28 enamel wire		Local

Note: All items marked with a (*) should not be substituted for as they are used to hold the front and back panels to the pcboard. They must be an exact match.

Hope this helps those who are wondering what kind of parts need to be scrounged for the NorCal 40 partial kit.

72, Doug

From ab4el.com Fri Apr 22 11:56:54 1994

From: "JEFF M. GOLD" <JMG@tntech.edu>

Subject: OHR Classic Duex

All,

Well.. finally had some time to start on the Oak Hills Classic

20/40 meter dual bander.

I usually take a project like this one stage at a time and open the parts package for the first board.. or section.. and take out a big piece of paper for resistors, caps, chokes, etc and seperate and label them by part number. With this project, I took a little different approach.. I took my plastic parts bins and seperated the parts out by type (resistor, caps, transistors).

I just finished placing all the resistors on the Oscillator board last night. I have vowed to really take my time on this one.. my goal is to be able to have people look at the top OR the bottom of the boards and be impressed. My wife does needlepoint and such, her stuff is beautiful and keep suggesting she enter it into the county fair.. Her comments have been the top side looks great.. but don't turn it over.. guess I want to enter this into the County Fair (HI HI).

The boards for this rig have been done by another company according to Dick from Oak Hills. The parts on the board are fairly close together and Dick wanted a super clear silk screen. In my opinion, he accomplished his goal. There was absolutely no question as to what parts go where. I found it easier to use the parts overlay (VERY clear) to locate the position of the parts on the board.

The boards are works of art. Besides their clear silk screening, they are plated through and the bottom side is coated to make it much harder to get accidental solder bridges. The up side of this is that if you have a good iron and take your time.. the end product should be better quality than what you buy assembled.. really solid, pretty solder joints. The down side is that if you put a part in the wrong place, much harder to desolder.

73

Jeff, AC4HF

From ab4el.com Fri Apr 22 13:27:18 1994
From: rmarlan@cortex.uchc.edu (Robert Marlan)
Subject: OHR spirit 40 for sale

>Time for the annual shack clean out!
>
>I have a mint OHR spirit for sale.
>Nicely assembled - (if I do say so...)
>Aligned by Dick @ OHR

>Comes with built in curtis keyer.
>Will sell for best reasonable offer.
>Can bring to Dayton if intersted.
>
>thanks
>bob KA6NOC/1
>

From ab4el.com Wed Apr 20 16:48:32 1994
From: adams@chuck.dallas.sgi.com (Chuck Adams)
Subject: OHR WM-1

Just got word that the WM-1 Wattmeter is available for \$99.95 plus \$4.50 S&H from Oak Hills Research in assembled form. This is for those who don't have the time or energy to build or the desire to do so either.

Still a good deal at any price. Just another satisfied customer, but I did build mine. The kit is still at the \$89.95 price plus shipping and handling.

dit dit
Chuck Adams K5FO CP-60
adams@sgi.com

From ab4el.com Wed Apr 13 20:25:22 1994
From: khd@karloff.lanl.gov
Subject: Parts in Portland, OR?

I'm headed through Portland, OR next week and was wondering if there is a place to pick up "onesies and twosies" of parts for the qrp junk box, particularly things like Amidon cores, etc?

tnx
Keith, ab5qe
khd@lanl.gov

From ab4el.com Wed Apr 13 23:50:18 1994
From: stark <mswmod@sage.unr.edu>
Subject: Re: Permission

Sounds good to me.

Ron, KU7Y

From ab4el.com Thu Apr 14 19:14:08 1994
From: Bruce Walker <bruce@Think.COM>
Subject: Permission to publish

This is a common subject; we went through it last year, and every once in a while someone asks me privately what the policy on republishing material is.

You should get permission of the individuals who originally wrote the material to republish it in another forum. I cannot and will not give permission on behalf of other contributors. Even though people give "blanket permission" to republish things, every once in a while we send out something which we didn't really mean (e.g., a flame), or which contained mistakes which were later pointed out to us. Going to the source of an article for permission shouldn't be hard to do, and it gives the author a chance to ammend or revise the article if he/she so deems.

Just send the author email about what you intend to do. I'm sure most of us would be flattered that others would be interested in what we write.

--bruce WT1M

From ab4el.com Thu Apr 14 21:37:44 1994
From: msdooley@rockdal.aud.alcatel.com (Michael S. Dooley)
Subject: permission to publish

I believe there was a thread on this subject last year. Seems someone gave an opinion and was quoted and it got back to them via their work... Kinda like they were speaking as a representative of their company versus a personal opinion. I guess that's why some people have "sig" files that say their opinions are their own. I think you shuld get their permission before you publish what someone says. What they said may have been stated looking at a limited audience (ie QRP@THINK.COM), not the world.

Mike Dooley KE4PC
msdooley@rockdal.aud.alcatel.com
... just my opinion, folks, I don't speak for the company. ;-)

From ab4el.com Fri Apr 15 19:53:38 1994
From: laurahal@microsoft.com
Subject: permission to publish

If anybody on the list thinks what I write is worth publishing, you are hereby free to do so. If you can actually make money with what I'm giving away for free, more power to you.

Proper credit is always nice, as is a note letting me know what magazine or newsletter to look in.

73 from Burnaby,
laura VE7LDH

From ab4el.com Tue Apr 19 11:32:08 1994
From: ATXR@CENVMC.CENCOL.ON.CA
Subject: portable antenna?

From: Ted Rosen, Architectural Technology Department
I am looking for recommendations for a portable qrp antenna for backpacking. The qualities I am looking for include:

1. Single band use, probably 40m.
2. Lightweight
3. Easy to setup, takedown and store for travel.
4. Easy to match for swr, hopefully without a tuner.
5. Effective radiation of transmitted signal.
6. Cheap.

Am I limited to a longwire, dipole, inverted vee, etc.?
What are the experiences of the group?
Thanks for your comments,
Ted, VA3TAR

From ab4el.com Wed Apr 20 00:10:09 1994
From: James Lyons <jlyons@CAM.ORG>
Subject: Re: portable antenna?

On 19 Apr 1994 ATXR@CENVMC.CENCOL.ON.CA wrote:

> From: Ted Rosen, Architectural Technology Department
> I am looking for recommendations for a portable qrp antenna
> for backpacking. The qualities I am looking for include:
> 1. Single band use, probably 40m.
> 2. Lightweight
> 3. Easy to setup, takedown and store for travel.
> 4. Easy to match for swr, hopefully without a tuner.
> 5. Effective radiation of transmitted signal.
> 6. Cheap.
> Am I limited to a longwire, dipole, inverted vee, etc.?

> What are the experiences of the group?
> Thanks for your comments,
> Ted, VA3TAR

>

For many years, back in the 70's I used a 40 meter dipole while camping; it never failed to give me contacts running 2 watts, no tuner. Mine wasn't particularly light weight but making a light weight version shouldn't alter the performance.

I could be set up as a dipole, an inverted Vee or as a quarter wave end-fed with one half stretched out as a counterpoise.

Mind you, conditions were better at that time!

72,
Jim, VE2KN

From ab4el.com Wed Apr 20 04:52:30 1994
From: ab268@FreeNet.Carleton.CA (Ying Hum)
Subject: Re: portable antenna?

>

>From: Ted Rosen, Architectural Technology Department
>I am looking for recommendations for a portable qrp antenna
>for backpacking. The qualities I am looking for include:
>1. Single band use, probably 40m.
>2. Lightweight
>3. Easy to setup, takedown and store for travel.
>4. Easy to match for swr, hopefully without a tuner.
>5. Effective radiation of transmitted signal.
>6. Cheap.
>Am I limited to a longwire, dipole, inverted vee, etc.?
>What are the experiences of the group?
>Thanks for your comments,
>Ted, VA3TAR
>

If you can get hold of Tuneable Portable antenna from Spilsbury Communication Ltd, model STA-210D, it will serve your need. It covers 3.5 to 13.4 MHz. It looks like a CB antenna with a clamp welded to the base of the antenna. By turning the antenna at the base, you match the antenna at your operating frequency.

I picked up couple from Ford Surplus in Smith Fall, Ontario. With a 40 meter hybrid, I am having a vertical phase array with

effective radiation.

Also, their portable SSB Transceiver SBX-11 is great for camping trip. They are 4 channels crystal SSB radio with 10 W output. It uses 9 D cell which store at the back of the radio. It is about 8 lbs with batteries.

Ying VA3YH / VE3FUB

--

Ying Hum ~{L7S"G? dWL+;*#,<SDC4s~}
ab268@freenet.carleton.ca

From ab4el.com Thu Apr 14 21:19:24 1994
From: ames@force.DECNET.LOCKHEED.COM
Subject: publishable

RE:anything someone rights is not republishable unless they give explicit permission.

Cancel freedom of the press! Nothing is protected unless specifically copywrited which involves sending a copy to the Library of Congress and paying the bucks for them to register it. You must be dreaming that there anything protected about a posting on Internet. This stuff can be forwarded all over the world with the flick of a finger. Does anyone think they could sue someone for copying a posting on Internet and putting it in a publication? I must be living in a different world.

73, alan N2ALE

From ab4el.com Fri Apr 15 01:43:39 1994
From: Jeffrey Herman <jherman@uhunix.uhcc.Hawaii.Edu>
Subject: Re: publishable

No no no! You can copyright everything and anything you want without notifying the Library of Congress. We have been made very aware of this here at my university. All you have to do is affix the following:

Copyright C 1994 by Jeffrey Herman
All rights reserved

That's is. I just copyrighted this article. No further action is necessary. But, it helps in enforcing the legality of your copyright if do notify the L. of C., although your material is protected by law just as well if you don't.

Oh, the C is supposed to have a circle around it.

73,
Jeff NH6IL

From ab4el.com Fri Apr 15 09:39:49 1994
From: Stephen Trier <sct@po.cwru.edu>
Subject: Re: publishable

Look, guys, copyright law has changed a lot. At various times it has been required, and then not required, to send two copies to the Patent Office, which copies were forwarded to the Library of Congress. Now that the U.S. has signed the Berne Convention, there is probably an implicit copyright on anything you write, but there might not be. The Convention also altered the length of time copyrights are active in the U.S.

If you care about whether something you write is copyrighted or not, PLEASE don't believe anything you read on the net (including me). Get a recent book on the subject from the library or talk to a lawyer.

If you care whether something someone else wrote is copyrighted, it is always safe to ask them. If you want to know if you can publish it, again, it would be safe to ask them. The worst they can do is say "no".

Even if something is copyrighted, "fair use" may permit you to quote portions without permission. However, it's a nice courtesy to ask the person for permission anyway. I've been quoted both with and without permission, and I must say it's nice to be able to double-check my words before they are republished. It may not be mandatory for the editor to do this, but I think it's a very nice courtesy.

Now, back to the QRP stuff with a total beginner's question:

I'm trying to get into homebrew QRP. I have an electronics background but little ham radio experience. I live in an apartment which means limited antenna possibilities. An antenna for 80m, for example, would be difficult. What's a reasonable band to try? 40m or 20m seem reasonable. Is 40m likely to get too noisy for QRP this summer?

I guess what I'm asking is this: Is there any band that a beginning homebrew indoor-antenna QRPer should definitely avoid for summer operating? :-)

Stephen
KB8PWA/AA

--

Stephen Trier
sct@po.cwru.edu
KB8PWA

From ab4el.com Fri Apr 15 14:15:17 1994
Subject: Re: publishable
From: "John F. Woods" <jfw@ksr.com>

> Nothing is protected unless specifically
> copywrited which involves sending a copy to the Library of Congress and
> paying the bucks for them to register it.

I know this is off topic, but: the above statement is false in any country which is a signatory to the Berne convention. The US signed the Berne convention in the mid 80's. Everything you write is copyright (that's "right", as in "right to copy", not "write" as scribbling). Registration is only necessary to obtain statutory damages (as opposed to actual damages) in a lawsuit.

> You must be dreaming that there
> anything protected about a posting on Internet. This stuff can be forwarded
> all over the world with the flick of a finger.

This is true, to the same extent that when you leave work tonight, someone could cave your head in with a lead pipe in the parking lot and steal your car. From this, we cannot conclude that this is either legal or proper.

> Does anyone think they could
> sue someone for copying a posting on Internet and putting it in a
> publication?

It certainly wouldn't be an open and shut case, due to the uncontrolled extent of copying necessarily authorized by the nature of netnews, but there's no reason obvious to legal scholars to believe that it would be impossible to do so.

> I must be living in a different world.

You are living in a world where people have so little regard for others that they gladly take the fruits of others' labors without regards to their desires. Unfortunately, that's not a different world from the one inhabited by "us", but that doesn't mean we have to like it or behave that way.

John, WB7EEL

From ab4el.com Fri Apr 15 14:51:31 1994
From: Duane P Mantick <wb9omc@ecn.purdue.edu>

Subject: Re: publishable

>
>
> Look, guys, copyright law has changed a lot. At various times it has
> been required, and then not required, to send two copies to the Patent
> Office, which copies were forwarded to the Library of Congress. Now
> that the U.S. has signed the Berne Convention, there is probably an
> implicit copyright on anything you write, but there might not be.
> The Convention also altered the length of time copyrights are active in
> the U.S.

Last summer, I wrote for the copyright paperwork for some
stuff I was writing. As *I* understood what the stuff was saying
(disclaimer - I do not *claim* to be a copyright law expert), you
are covered if you do the:

Copyright C(in a circle) 1994 Duane P. Mantick
all rights reserved

....or something like that. BUT - you will be MORE covered if you
DO send in the paperwork, fees and copies.

If I could find all that crap I'd post some of the material back
here to the group, but quite honestly, I don't know where it all
is right now.....duh.

>
> If you care about whether something you write is copyrighted or not,
> PLEASE don't believe anything you read on the net (including me). Get
> a recent book on the subject from the library or talk to a lawyer.

This seems like sound advice.

>
>
> Even if something is copyrighted, "fair use" may permit you to quote
> portions without permission. However, it's a nice courtesy to ask the
> person for permission anyway. I've been quoted both with and without

Not only is it a nice courtesy, it could also keep your cookies
out of the fire later.

Duane

From ab4e1.com Fri Apr 15 15:29:52 1994
From: Peter Hardie <hardie@herald.usask.ca>
Subject: Re: publishable

On Thu, 14 Apr 1994, Jeffrey Herman wrote:

> No no no! You can copyright everything and anything you want without
> notifying the Library of Congress.

Exactly right - providing you wrote the original :-)

> That's i[t]. I just copyrighted this article. No further action is
> necessary.

> But, it helps in enforcing the legality of your copyright if do notify
> the L. of C., although your material is protected by law just as well
> if you don't.

This means you don't need to notify L. of C. - which is just as well
because I fail to see how I, as a Canadian, should have to notify L. of
C. of anything just to be able to enforce a copyright.

Pete

ve5va.qrp@usask.ca

(The above missive contains my own off-the-top-of-my-head uncopyrighted
opinion. Do not fold, spindle or mutilate. Removal of this disclaimer
before reading can result in severe penalties)

From ab4el.com Fri Apr 15 19:44:34 1994

From: ames@force.DECNET.LOCKHEED.COM

Subject: re: publishable

Cancel freedom of the press! Nothing is protected unless...

Well, there is NO agreement from anyone on my comments. The running
opinion is that I am flat out wrong - incorrect - misguided - etc.
If you agree with my comment, please be advised that no one else does.
This is a public service message, and not copyrighted.

73, alan N2ALE

From ab4el.com Fri Apr 15 11:36:38 1994

From: "CHESTER BOWLES" <bowles.chester@a1.aimhi.mko.MTS.dec.com>

Subject: Publishable

1

[This message is converted from WPS-PLUS to ASCII]

>>Nothing is protected unless specifically copywrited which involves
>>sending a copy to the Library of Congress and paying the bucks for
>>them to register it.

Huh????

I've done a fair amount of free-lance writing. What I write is mine
unless I give you explicit, written, permission to use it. All I have

to do is prove that *I* wrote it and *when* it was written. That can be done in a number of ways, but anything that provides a date stamp (like E-MAIL) should be sufficient. Putting the little c helps, but is actually not required.

Chet, AA1EX

From ab4el.com Thu Apr 21 03:28:43 1994
From: B61395@awtims.fe.anlw.anl.gov
Subject: QRP "Expedition"

PRESS RELEASE

April 22, 1994, Idaho Falls Idaho

Renowned QRPer and cowboy wannabe KR8L/7 loaded his American made radio into his American made pickup truck today and headed south to Utah for, in his words, "some sight seein', some four wheelin', and some QRPin'." The tall, charismatic Amateur Radio operator reported that he would be operating his Ten Tec Argosy in low power mode using a 50 foot end-fed wire and tuner. The lack of trees on the beautiful Utah desert may be a hindrance, but "what the heck -- mebee I'll just hitch it to one of them perty red rocks." As he powered his big, red GMC out of the driveway, he was heard to say: "I'm hankerin' to try some of that QRP SSB stuff. Hope all the boys and gals east of the Great Divide will be listenin' fer my signals. YeeeeeeeeHaaaaa!"

KR8L and KA8TER expect to be in the Utah desert through the weekend and into the first part of next week.

From ab4el.com Fri Apr 15 19:08:54 1994
From: "CHESTER BOWLES" <bowles.chester@a1.aimhi.mko.MTS.dec.com>
Subject: QRP AFIELD--1994

1

[This message is converted from WPS-PLUS to ASCII]

Well, you've heard some "teasers" about the planned QRP-NE contest. Jim, W1FMR, will be doing an official announcement at Dayton and he'll also have copies of the rules and entry forms. Once he gets back from Dayton, we will publish the rules and entry form here as well. However, I thought you would all be interested, so here's a little more information to whet your appetite.

The event will be called QRP AFIELD-1994. It is sponsored by the QRP Club of New England and is designed to encourage QRP enthusiasts to

field-test their radio equipment using temporary antennas and non-commercial power sources.

Mark your calendars for Saturday, September 17, 1994. The contest is short--only six hours from 1600Z to 2200Z--but it should be fun and propogation is *guaranteed* to be good on all the bands. So start scouting out your favorite "field" location now. For example, you'll find me on the top of the 2200 foot mountain behind my house :-)

Chet, AA1EX

From ab4el.com Thu Apr 14 09:00:04 1994
From: C=BAILEY%IS%211EIS@ANG193FS.ang.af.mil
Subject: QRP Cases

Hello,
Jeff Gold's ideas come as a relief. I thought I was the only one who thought that way. I view every piece of "junk" as a possible candidate for an enclosure. Here's a challenge. Find some of the Ethernet Baluns made for 10base2. They have been seen at hamfests for about \$2 - \$3. They would make an excellant case for a mini transmitter, and they already have a BNC connector installed! Maybe you could key them with your key connected to the RJ-45 jack. Now maybe I'm the weird one.
72 de Cameron, KT3A.

From ab4el.com Thu Apr 14 15:10:03 1994
From: Brad Mitchell <bmitchel@CBA.Kodak.COM>
Subject: QRP cases

Doug Demaw polularized in the 80's usage of different items for cases. I beleive that in his QRP notebook he says something to the effect that every time he goes to the grocery store to buy food, he always looks at the different cans for useage other than content.

To let my secret out of the bag, I hate that flavored coffee stuff, but my wife loves it. She complained that it costs too much, but I told her that if she likes it she should buy it.... Well the little rectangular tin cases with the vacuum seal plastic lid are great for all sorts of things in the shack. I use them for storing air variables so the fins dont get bent, I use them for projects. I use them to store my xtals. I have threatened to build an nn1g into one, I have about 30 of them now.

I think Doug Demaw's cases look pretty slick too. He uses p.c. board to make a u channel , then wraps metal grating around the u channel for the top. This metal grating is available at all hardwares, I'm not sure of the usage, but maybe for cabinet doors that need to have air circulation.

Cases can be one of the most intriguing part of any project that you make. When I first started making my qrp equipment, I used double sided p.c. board and soldered brass hinges on the tops of the rigs. Then I hand painted acrylic on the box, and then hand painted letters, and then polyurethaned the entire thing. Boy do they look ugly. But I bet my bright green little boxes stand out in a crowd with the lid flipped up and my callsign exposed. Some examples of this are in the WB8YGG.gif on think.com.

One of my latest rigs was built into an electrical utility box that both the front and back are removable. I built a 20 meter nn1g rig that was entirely mounted on the front steel panel. When you unscrew the front panel, you can pull the entire rig out of the box. That was a challenge to my mechanical ability.

I think that one thing that I have learned with these building experiences is that whatever you use, you can make things look nice if you try hard enough. I simply do not take as much time as others with the case, but some of my stuff looks pretty good despite myself.

73 Brad WB8YGG

From ab4el.com Thu Apr 14 16:56:23 1994
From: Andrew Arnett <aarnett@firefly.prairienet.org>
Subject: Re: QRP Cases & junk scrounging

On Thu, 14 Apr 1994 C=BAILEY%IS%211EIS@ANG193FS.ang.af.mil wrote:

> Hello,
> Jeff Gold's ideas come as a relief. I thought I was the only one who thought
> that way. I view every piece of "junk" as a possible candidate for an
> enclosure. Here's a challenge. Find some of the Ethernet Baluns made for

Jeff also said that he couldn't bring himself to throwing out a potentially useful piece of "junk". If you like to use stuff that people might throw out as junk, you might check out the treatise _The Art & Science of Dumpster Diving_. Lots of details, techniques, examples, & philosophy.

:--) :--) :--)

I shouldn't :--) to much, since as I type this I am listening to a fine stereo & speakers which came out of a dumpster. If I ever dive again I'll keep my eyes open for QRP rig cases. :--)

73
Drew kb9fko
aarnett@prairienet.org

From ab4el.com Fri Apr 15 00:20:07 1994

From: Jeffrey Herman <jherman@uhunix.uhcc.Hawaii.Edu>

Subject: Re: QRP Cases & junk scrounging

Hey! I thought *I* invented ``dumpster diving''! My two favorite spots to dumpster dive are here on campus (especially behind the engineering department building and the CS department - I've got a lifetime supply of 2N2222 x-sistors, resistors, capacitors thanks to CS), and in the harbor (Ala Wai Yacht Harbor): TV sets, radios of all types including a marine band VHF transceiver, telephones (just found a nice cordless one - the following weekend I found a touchtone phone); just this last weekend I found an RDF (radio direction finding receiver).

You folks who live near a harbor: GET GOING! Yacht owners throw out the greatest electronic goodies.

I guess the QRP philosophy goes hand-in-hand with dumpster diving...

73,

Jeff NH6IL

From ab4el.com Fri Apr 15 14:28:24 1994

From: jpo@acd4.acd.com (Jim Osburn)

Subject: QRP Enclosures

I have been known to use plastic index card boxes and plastic pencil boxes as QRP enclosures. The plastic pencil boxes can come in some unusual colors, such as orange and purple, but I prefer the black ones. Many times there is a picture of Mickey stuck to the top, but he peels off easily. I will build an ugly circuit on a piece of PCB, then glue the PCB into the pencil box. Before I glue in the PCB, I of course punch some holes in the box for switches, knobs, connectors, etc.. It's a lot easier to punch holes in plastic than it is metal. Sometimes all it takes is the skillfull use of a razor knife.

The plastic index card boxes are good enclosures too. If you lay the index card box on it's side, you can use the top as a front panel with a natural slope. I built a field strength meter in one that way. Some people didn't recognize the enclosure as an index card box until I told them. I prefer the brown colored boxes but white, gray, yellow and green are also available.

The pencil boxes make good battery pack boxes too.

All of these boxes open very easily for service, adjustment or battery changing.

Index card boxes used to be metal, but I haven't seen any of those in years.

I once considered a metal recipe box I saw in the store, but it was too expensive.

All of these things go on sale from time to time. That's when you can stock up for reasonable prices.

73,

Jim, WD9EYB

From ab4el.com Tue Apr 19 02:15:57 1994
From: SYJERRY@duq3.cc.duq.edu
Subject: QRP kit question

I am interested in getting into QRP, I have read reviews, etc from this mailing list and have a few questions I hope you folks can answer.

If I only have one band to choose, which band should I get, 40 meter ? I currently have 5wpm only, but have already passed Element 3B and 4A and working on 13wpm.

Also, what is involved in building a kit ? do I need to have equipment for alignment and testing ? or all I have to do is solder all the parts to the PCB ? I have a EE background, done kit assembly before, but non in analog electronics, I have no oscilloscope, spectrum analyzer, freq counter etc to use to test the assembled kit.

besides the QRP kit, what else do I need to have a complete system ? I suppose an antenna, electronic keyer (?), paddle, what else ? I read Jeff Gold's article in a New Ham Companion and he mentioned a homebrew helical type antenna, Jeff, do you have the instructions on how to build one of those ?

I am currently on budget and hope not to exceed \$100 for the complete rig. Is this a realistic number ? if not, how much should I expect to spend ?

Jerry N3RKD

From ab4el.com Wed Apr 20 17:06:48 1994
From: djwang@sneezy.biophys.upenn.edu
Subject: RE: QRP kits

Many thanks to those who responded to my posting regarding NorCal 40 and QRP kits.

73 de D.J. N2YKP/AA (djwang@sneezy.biophys.upenn.edu)

From ab4el.com Tue Apr 19 11:20:34 1994
From: epacyna@auratek.com (Edward Pacyna)
Subject: QRP Linear Amp. For Sale

I sent the attached message via compuserve this weekend and just received a message indicating that it was undelivered.

Subject: QRP Linear Amplifier For Sale

20 Watt output, low distortion (class AB1) 1.6 to 30Mhz
linear (SSB/CW) power amplifier kit from Motorola
application note AN-779.

The amplifier provides 28dB (+/- 1 dB) of broad band
power gain (28 dB is a 630X amplification factor). Full
20W output will require 30-40 milliwatts of drive. The
basic design uses push pull driver (MRF476 type) and
output stages (type MRF475 type) and has 50 ohm
input / output..

Typical applications might be:

1. Power amp for popular QRP rigs. For example,
increasing a 1W radio to 20W will increase your signal
by 13dB (little over 2 S units).
2. Add to low power exciter such as the T1 SSB/CW
design published in QST by Rick Campbell.

The kit includes all new, high quality parts and a
double sided PCB as shown in the application note.
The price is \$95 as a kit or I will assemble and test
the board for \$135.

You provide enclose, 12V power and low pass band
filters.

I can also provide the following:

12 volt T/R relay for \$5, 5 element filter(s) for any
band(s) of interest (includes 3 SM capacitors, 2 toroids
magnetic wire, design info, ceramic stand-offs for point
to point construction) at \$5 per band, and a multipole
6+ position ceramic band switch for \$7.

This is not a commercial offering and only one kit is available.

Replies should be sent to the above email account or ed@auratek.com

de, Ed W1AAZ

From ab4el.com Sun Apr 17 07:52:59 1994
From: "Judy L. Schnabolk" <73043.1704@CompuServe.COM>
Subject: QRP Linear Amplifier For Sale

20 Watt output, low distortion (class AB1) 1.6 to 30Mhz linear (SSB/CW) power amplifier kit from Motorola application note AN-779.

The amplifier provides 28dB (+/- 1 dB) of broad band power gain (28 dB is a 630X amplification factor). Full 20W output will require 30-40 milliwatts of drive. The basic design uses push pull driver (MRF476 type) and output stages (type MRF475 type) and has 50 ohm input / output..

Typical applications might be:

1. Power amp for popular QRP rigs. For example, increasing a 1W radio to 20W will increase your signal by 13dB (little over 2 S units).
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I can also provide the following:

12 volt T/R relay for \$5, 5 element filter(s) for any band(s) of interest (includes 3 SM capacitors, 2 toroids magnetic wire, design info, ceramic stand-offs for point

to point construction) at \$5 per band, and a multipole 6+ position ceramic band switch for \$7.

This is not a commercial offering and only one kit is available.

Replies should be sent to the above email account or ed@auratek.com

de, Ed W1AAZ

From ab4el.com Wed Apr 13 21:39:19 1994
From: "JEFF M. GOLD" <JMG@tntech.edu>
Subject: QRP transceiver cases

All,

Having gotten into the "Nothing is really Junk" mode I tend to look at my and other people's garbage in new ways. OK.. what am I talking about? Well take for example my old small toaster oven. I had kept it alive for years with rewiring and such. It finally kicked the bucket for good. I took all the pieces apart and couldn't quite bring myself to throw some of them away. The top case was real shiny heavy duty metal.. couldn't think of a purpose in the universe for it.. threw it in my attic. When I decided to get into mobile..my only extra rig was a Ten Tec Argonaut 509 and I needed to put it into a small Acura Integra (same size as Honda Accord). I regularly carry passengers in the front seat so couldn't give up the seat. After some consideration.. I finally determined I could open the glove compartment and the top of the toaster oven was the exact size to be fastened to the inside of it and have it such that if I took the rig out there would be no ugly marks. I brought the top into a shop at work and cut the sides at an angle so that a person's legs would still fit. I drilled 4 holes and the Argonaut was the perfect size to fit on it. (should see the looks some of my passengers give me.)

Well the real reason I am writing this is that while passing through the fix it shop center of here at our Computer Center I noticed a small 232 switch box that was defective.. I picked it up and started to examine it.. it is really nice metal.. with a two position switch.. the person in charge of buying them told me they cost \$4.95 NEW. Take the 232 connectors out of the box.. a little paint over. you got one fine small QRP transceiver case.. sometimes at ham fests think you can pick them up for \$1 or so. This one was 6" X 2 1/4" X 5" from Computer Gate International (408)730-0673.. they had more sizes. I warned them never to

through any of these away.

73

Jeff, AC4HF

From ab4el.com Fri Apr 15 22:08:51 1994
From: mvjfm@mvubr.att.com (James M Fitton +1 508 960 2577)
Subject: QRP-NE

Gang,

Here is the index for the April issue of QRP-NE Newsletter "72"

Meeting Minutes - W1FMR
QRP-NE Homebrew Project - 40/40 Superhet rig - NN1G
A Lesson in Kit Building Part 1 - KA0IQT
In A Word - K1LGQ
News From All Over - NT1R
Internet Anyone ? - AA1EX
Ten Parts or Less - NH6IL
Radiokit Review - W1AAZ
The QRP Plus Review - KF2JH
North West QRP Contest
QRP-NE Membership List
40/40 Kit purchasers list - W1CFI
Charts & Graphs - K1LGQ

I just saw the draft of the final copy and realize that not all permissions have been requested from Inet members.

Please excuse my late requests.....

I will make them to the individuals concerned and keep my fingers crossed.....

72 Jim W1FMR

Leave Sept. 17 open for the first ever, QRP Field Day type contest.
Chet, AA1EX is spearheading this very exciting event and an announcement will be made before Dayton.
Details also to appear in June issue of QRP-NE "72".

h

From ab4el.com Fri Apr 22 10:43:28 1994
From: adams@chuck.dallas.sgi.com (Chuck Adams)

Subject: QSL Cards

Jim, KR1S, writes that if any self respecting thief was in Dayton, they would not concentrate on rooms that had QSL cards on the door. I think any self respecting human being is going to leave Dayton next week. :-)

I'll be there and I'll have my QSL on the door, unless my roommate objects. Last night I was on TV, Channel 13 here in Dallas, for six hours taking auction bids over the phone. Good thing that I can still write 40 wpm. :-)
So now everybody knows what I look like in Dallas.

As I understand it, and I'm getting this second hand and I don't have all the details, Ron M. won the K5FO Trophy for the first annual WAS NorCal 40 contest. Ironical that it was with the rig that I built. I assure you that there was no bias in this, as I was not the committee that decided the winner. Geographically, I predicted that it would be someone from the East coast or Central area of the states. If you think about it, it is logical.

Posting on Monday on the new OHR Classic dual band xcvr. Stay tuned as you pack for Dayton. The excitement grows.

Soon to be K5FO/8 Days Inn South,

Make that mobile, then /8

dit dit

Chuck Adams K5FO CP-60
adams@sgi.com

From ab4el.com Thu Apr 21 21:30:21 1994
From: dh@deneb.csustan.edu (Doug Hendricks)
Subject: QSLs on the door at Dayton.

It is a tradition to put QSLs on the door of your room at Dayton. Everyone does it, and the doors are on the inside of the motel in a hallway. I know, because I was there last year, so don't be afraid to bring them. 72, Doug
My QSL will be on the door!!
72.

From ab4el.com Thu Apr 14 13:52:55 1994
From: jkearman@arrl.org (Jim Kearman)
Subject: Radio Shack DSP Filter

Part number is 21-543. Each store is supposed to have one.

73

Jim, KR1S

From ab4el.com Fri Apr 22 12:39:07 1994
From: Scott Cranston <cranston@zk3.dec.com>
Subject: Ramsey SX-20

Haven't seen this posted yet, so....

Ramsey SX-20 20 Meter SSB/CW Transceiver

- DDS synthesizer tunes in 10hz steps (rotary tuning knob)
- dual speed tuning rate
- digital display
- built in iambic keyer with digital speed readout
- 2 VFO's with memory
- RIT with digital display
- dual selectable AGC
- instant "one touch" WWV reception
- 10 watt RF output (adjustable for QRP operation)
- sealed membrane front panel
- includes hand mike with up/down frequency buttons

Cost: Kit - \$349.95

Assembled w/ 1yr warranty - \$429.95

Ramsey Electronics, Inc.
793 Canning Parkway
Victor, N.Y. 14564 (its just southeast of Rochester N.Y)

phone; 716-924-4555

Disclaimer: I don't own one of these, work for or receive any benefit from Ramsey Electronics.

From ab4el.com Fri Apr 15 18:44:36 1994
From: jkearman@arrl.org (Jim Kearman)
Subject: Reprinting Postings

Gentlemen and Ladies: I like to think of these newsgroups as a friendly place to get away from the ratrace of amateur radio in which I work. When I go to the local gin mill, I don't expect to see anything I say show up in the Newington Town Crier next week. I don't expect to see anything I say here show up in any QRP newsletters or any other media, either, unless you have asked for and received my permission. It's happened once and I went away for a while. If it happens again I'm going away for good. I don't need the trouble. If you are the editor of a newsletter and you can't give me the courtesy of asking first, you need to learn a little about the writing game. And please don't cloak any responses in the First Amendment.

I really don't care to discuss this, either privately or on the mailing lists. It doesn't belong on the mailing lists anyway.

Note: My actions here are not taken on account of any policy, written or otherwise, formulated by my employer. They are my own, just like my words. If you have the opportunity to see material written on Internet, you obviously have the opportunity to request permission via the same route. I don't care what anyone else does or thinks. If I see anything of mine in a newsletter and prior permission wasn't granted, I'm outta here.

73

Jim Kearman, KR1S
jkearman@arrl.org

From ab4el.com Sun Apr 17 15:20:51 1994
Subject: Re: Reprinting Postings
From: Kevin Sanders <kevin@beacons.cts.com>

Gang,

After Jim's first letter some months ago I was sympathetic to him; it's no fun to get in trouble at work over something not strictly work-related. But I detected a different tone in this letter, one that indicates Jim is not comfortable with the Internet medium.

The newsgroups and I would say e-mail lists as well are in the public domain. Because of this, none of us have any control over what someone does with our postings. The other day a friend of mine was showing me a CD-ROM he had bought which had archived postings from the Internet groups. I found some of my own postings on the disk. So it seems someone is profiting from what I wrote, and people outside the Internet community have access to my postings.

The key is to avoid writing anything you would not want repeated. I think this is fundamentally why we don't see public figures posting to the forums: anything they say becomes as public as if they had said it at a press conference. If you as an individual or business are not comfortable with this prospect, then perhaps this medium is not for you.

Jim, thank you for your many informative posts I have read over the past few years. You will be missed.

73,
Kevin KN6FQ

From ab4el.com Fri Apr 15 20:41:04 1994
From: nmodena@unity.ncsu.edu
Subject: Re: Reprinting Postings...goodbye

>
> Gentlemen and Ladies: I like to think of these newsgroups as a
> friendly place to get away from the ratrace of amateur radio in
> which I work. When I go to the local gin mill, I don't expect to
> see anything I say show up in the Newington Town Crier next week....
> I don't expect to see anything I say here show up in any QRP
> newsletters or any other media, either, unless you have asked for
> and received my permission. It's happened once and I went away
> for a while. If it happens again I'm going away for good. I don't
> need the trouble. If you are the editor of a newsletter and you
> can't give me the courtesy of asking first, you need to learn a
> little about the writing game. And please don't cloak any
> responses in the First Amendment.....
>.....stuff deleted....
> If I see anything of mine in a newsletter
> and prior permission wasn't granted, I'm outta here.
>

> 73
>
> Jim Kearman, KR1S
> jkearman@arrl.org

I'm going to "publish" the above "open letter / threat" on a poster board at my RARS-fest table this Sunday and solict comment...

Good-bye, Jim. :^)

73,

Steve Modena nmodena@unity.ncsu.edu

P.S.

Are postings to the boatanchor list and the qrp list copyrighted materials...or strictly confidential, non-disclosure utterances?

From ab4el.com Fri Apr 15 23:38:26 1994
From: jkearman@arrl.org (Jim Kearman)
Subject: RS DSP II

The Radio Shack DSP Filter is brand new and not in the 1994 catalog.

73

Jim

From ab4el.com Thu Apr 14 13:31:48 1994
From: klaudon@PICA.ARMY.MIL
Subject: RS DSP-40

I saw one on display at my local Radio Schlock yesterday (4/13). It sells for \$ 79.95 and is a nice looking little gadget (FWIW). I am friends with the mgr. there, and I told him I would be back next week, after my taxes were in, to treat myself to a few goodies, with my usual "manager's discount for preferred customers". Well, I went to my accountant last night for our annual ritual, and it turns out I owe a few thou to rotten NY state! So much for my goodies.

My older son's 5th birthday is coming up in a few weeks. We were thinking about putting in one of those fancy wooden backyard swingset/gym/clubhouse things. Hmmm, do you think a 5 year old would rather have a DSP, new 2m

HT, and would share them with his Pop?

At least I'll get exercise putting up his new swingset!

73,

Kalman Laudon WD6CZI in 2 land
QRP ARCI No. 8385
<klaudon@pica.army.mil>

From ab4el.com Sun Apr 17 17:45:35 1994
From: B61395@awtims.fe.anlw.anl.gov
Subject: RS DSP-40

Hello to all. Decided to check out the RS DSP-40 digital signal processor. Picked it up on Friday night, and have been trying to check it out this weekend, despite the ROTTEN CONDX. For those who are interested in more details, the DSP-40 includes a built-in speaker and 5 watt audio amplifier. Three modes are provided, NOISE REDUCTION, SSB, and CW. Each mode has three bandwidths, WIDE, MEDIUM, and NARROW. Advertised filter widths are:

NR WIDE	200-2950
NR MED	200-2500
NR NARROW	200-2000
SSB WIDE	300-3000
SSB MED	500-2600
SSB NARROW	800-2000
CW WIDE	270-1230
CW MED	470-1030
CW NARROW	600-900

NR and SSB modes feature automatic notch feature.

Tried the DSP with my TT Argosy, but did not see a lot of benefit, but then the Argosy has a crystal CW filter, and a HB op-amp SSB filter. The unit seems to work very well with my Kenwood R-1000, which definitely needs help on SSB and CW. Immediate application is using the DSP + R-1000 on 160 meters, along with my HB 1.5 watt transmitter. Worked a fellow in SLC Saturday nite, he was weak, and there was a strong stations a couple of kHz below -- could not have made it w/o the DSP. Perhaps the next project will be a VXO TX for 17 meters to use with the R-1000...

Part number is 21-543, and price is \$80. Others on the list have indicated that each store is supposed to have received one unit.

73, Bill, KR8L/7

From ab4el.com Sat Apr 16 18:49:55 1994
From: Jeffrey Herman <jherman@uhunix.uhcc.Hawaii.Edu>
Subject: RS trimmer caps

Copyright c 1994 by Jeffrey Herman
All rights reserved!

Gang:

For some odd reason Radio Shack is discontinuing carrying its mica trimmer caps - the close out price is \$1.47. I just bought 6 for future projects. Stock number is 272-1336. 95-420 pf.

Jeff NH6IL

From ab4el.com Thu Apr 21 15:34:02 1994
From: hideg@qmserv.erim.org (Steve Hideg)
Subject: Scans

Subject Scans

I'm willing to offer a service to the QRP mailing list.

For those of you without scanners, you can mail me a print photo of something you'd like the group to see. I will scan the photo and upload it to an ftp server, like think.com.

You can mail photos to me at:

Steve Hideg
ERIM
PO Box 134001
Ann Arbor, MI 48113-4001

If you want the photos returned, include an SASE that is large enough and has sufficient postage.

To save disk space, I will save them in jpeg format.

To start this off, I will be visiting the QRP Hospitality Room (once I can get a confirmation from someone as to the location of the hotel). I will photograph the people and the equipment there. These photos will be scanned and uploaded shortly thereafter.

--Steve Hideg, N8HSC
hideg@erim.org

From ab4el.com Fri Apr 15 14:04:48 1994
From: "JEFF M. GOLD" <JMG@tntech.edu>
Subject: special events

All,

Looks like the QRP Special Events/expedition is going to start with quite an adventure. I have one car packed already.. and I mean completely packed trunk and back seat... lots of stuff... thought qrp was small and light HI HI

well we are having severe weather here.. electricity just went off.. should be fun getting the antennas up in lightning storm.. leaving to set up in about 2 hours...hope to test the station late afternoon .. early pm.

look for us

72

Jeff, AC4HF

From ab4el.com Tue Apr 19 19:14:40 1994
From: adams@chuck.dallas.sgi.com (Chuck Adams)
Subject: Spring QSO Party

Gang,

Sorry for the one week delay, but last week was spent in beautiful CA with 12 hour work days. I took some work with me to do and never got to it, i.e. two kits to build. Saturday, April 16th, was a bust on band conditions on 20M.

During the test, I started at 1215Z on 40M and was there for 1.6 hrs. The conditions were not the best for QRP work. I did work W8MVN on 40M as he was my #5 contact. Worked him on the first try. He was the loudest signal of all during the period that I worked. I also heard a lot of people call him and he did not get back to them,

so for those of you who posted that you tried and failed, you were not alone.

16 QSOs x 71 points x 13 states = 9,230 points.

The scary part. Of the 16 contacts, 10 of those people called me by name. That's what is scary. You guys running an online database or what?

20M did not open at all for me. I turned on the rig (NN1G) for 20M and tuned the antenna. Fairly strong carrier on 14.060 MHz and could hear only one station. So, shut down for couple of hours in hopes that 20M would open up. No such luck. Carrier was still on frequency. No signals heard anywhere including the digital stuff above 14.060MHz.

On Sunday, same story. 40M was dead when I got to it 1500Z. Back to 20M and still there was a carrier on 14.060 MHz, but no other signals heard. So went to pack and get ready for trip to 6-land.

Came back later. Same carrier on freq. Got to thinking, that doesn't sound right. Got another receiver (MXM) and sure enough 14.060 MHz carrier with no modulation. So, I thought to myself, what in the world would be doing that. I went through the whole house and unplugged everything and I mean everything. Came back to receivers and sure enough the carrier was gone. So, I said to myself, what's different in the house that I didn't have during the last QRP test. Ah-ha. The answer machine. Sure enough, the PANASONIC KX-T1432 EASA-Phone puts out a strong pure carrier on 14.060MHz!!! They will hear about this. :-)
The machine goes down whenever I'm going to get on 20M. Maybe the FCC might be interested in this little puppy also. I can say that they make a darn good qrp rig. No chirp and absolutely NO drift. Maybe I can make it into a beacon. :-) May have such an animal in your neighborhood too.

Rig used was a new MXM Transceiver at 0.95W out into a 40M long wire, reduced from 80M to see if I could reduce the directivity a little. The rig worked beautifully. A report to follow later this week.

Not anywhere near an impressive showing, but we all know how bad the bands have been and the weekend of April 9th was no exception. That's why it's a hobby and it also shows us how much we depend upon outside factors to help us communicate.

For now, dit dit
Chuck Adams K5FO CP-60
adams@sgi.com

From ab4el.com Wed Apr 20 14:15:55 1994
From: Duane P Mantick <wb9omc@ecn.purdue.edu>
Subject: Re: Spring QSO Party

> house that I didn't have during the last QRP test. Ah-ha. The answer
> machine. Sure enough, the PANASONIC KX-T1432 EASA-Phone puts out a
> strong pure carrier on 14.060MHz!!! They will hear about this. :-)
> The machine goes down whenever I'm going to get on 20M. Maybe the FCC
> might be interested in this little puppy also. I can say that they
> make a darn good qrp rig. No chirp and absolutely NO drift. Maybe
> I can make it into a beacon. :-) May have such an animal in your
> neighborhood too.

I have a KXT1450 (I think that's the right number). While
I've never noticed it generating anything on 10 meters (or anywhere
else), *it* is quite susceptible to RF.

For openers, everytime I even power up my Uniden HR2510 (don't
have to transmit, just rotate the tuning knob) the answering machine
starts doing things.....playing back, erasing the OGM, etc. And I
can't just power it off, I actually have to UNPLUG the power cord or
it will power itself on and start doing things. Wierd.

Granted, the machine is physically located within inches
of my coax, only because given the layout of our apartment, there just
isn't anyplace better to put it.

The other thing we noticed is that if it is recording an
Incoming message and one of the local Chicken Banders starts up,
the machine won't drop out of record! It keeps on going and gives
me a perfect taped transcript of the Childrens Banders speech, that
is until he stops transmitting long enough OR the tape runs out,
which has happened.

I've been thinking about getting one of those nifty little
RF filters they make to put in-line. Don't know if they're worth the
money or not.

Maybe I'll have to tune around some more and see if ours *does*
radiate like yours - sometimes on my DX440 SWL rcvr I have noticed some
little birdies that I can't account for that *I* thought were
within the radio itself. (major source of noise, Mr. TV, already having
been powered off, along with #2 source, the speed control box for the
ceiling fan)

Duane

From ab4el.com Thu Apr 21 01:04:13 1994

From: Stephen Trier <sct@po.cwru.edu>

Subject: Re: Spring QSO Party

> Granted, the machine is physically located within inches
> of my coax, only because given the layout of our apartment, there just
> *isn't* anyplace better to put it.

As an experiment, try wrapping the machine and/or the coax in aluminum foil. If that makes a difference, it may give you some ideas on ways to shield one from the other. I used to use the wrap-in-foil trick all the time when solving RFI problems with computers. It sure ain't scientific, but it is an easy way to experiment with brute-force shielding, and it's fairly cheap.

It might also help to use coax that has a foil shield or a double shield. That affects how much RF leaks. If you have a balanced antenna, use a balun, and make sure your rig has a good ground. Without this, you may have RF on the shield, at which point the type of the shield is irrelevant.

A QST I read recently (maybe it was even the April 94 issue?) had an article about an FCC survey of telephones. They found that many models had really poor RFI suppression. Because the FCC found models that had sufficient RFI suppression, they decided it was the phones' fault, not the RF transmitters. The FCC also found that the RF filters out there were pretty useless. It seems the RFI is getting into the phone in the phone, not in the line. (That seems to make sense, since I'd think most RFI in the line would be common-mode. That would be rejected by the phone hybrid, wouldn't it?)

Stephen

--

Stephen Trier

sct@po.cwru.edu

KB8PWA

From ab4el.com Fri Apr 22 12:14:52 1994

From: jason@persoft.persoft.com (Jason Penn)

Subject: Stocking the Junk Box at Dayton

Chuck's post regarding things wanted at Dayton prompts me to query the QRP gang. I want to "stock up" (read: I don't have any now) on things like

little toroids, enamel wire, etc. I'd like any points of view or recommendations for sources likely to be at Dayton. I assume folks like "Dan's Small Parts & Kits" and Oak Hills Research, etc. will be there?

BTW, my recently bought HW-8 is slowly getting better. Last night's healing session revealed two wiring errors that imply it has *never*, *ever* been a working rig. Hard to believe, but true... After these, my mind boggles at what else I will find wrong. For instance, the "loading" air-variable cap was soldered to the wrong switch lug and not connected to anything. Now at least 80m and 20m make RF. The diode in the "relative output power" meter circuit is backwards and now that the rig makes RF the meter slams in the wrong direction. :-)

--

Jason F. Penn N9RPT | Persoft, Inc. | jason@persoft.com
Whenever I want to find something, it's always in the last place I look.

From ab4el.com Fri Apr 22 12:43:56 1994
Subject: Re: Stocking the Junk Box at Dayton
From: "John F. Woods" <jfw@ksr.com>

> BTW, my recently bought HW-8 is slowly getting better. Last night's healing
> session revealed two wiring errors that imply it has *never*, *ever* been
> a working rig. Hard to believe, but true... After these, my mind boggles at
> what else I will find wrong. For instance, the "loading" air-variable cap was
> soldered to the wrong switch lug and not connected to anything.

Heh. It could be worse. A while back, I bought an SB-401/SB-303 pair; I decided to go through the Heathkit manual and perform the kit assembly checks before powering them up, and managed to discover that in the transmitter, the T/R relay was miswired, such that B+ was grounded. OW! (It may have been an intermittent problem, since (a) the rig looked like it had gotten some use, and (b) I think it was a coax shield causing the short.)

I eventually got it to the point where it almost worked (the transmitter probably has a parasitic problem still, and the receiver's IF alignment has to be off, since the CW filter's audio peak is above 2Kc (way too high a pitch for comfortable copy... :- ()) when I lost space on the kitchen table... Now that I have a basement to fill with a shack, someday I'll try again.

From ab4el.com Wed Apr 13 23:25:46 1994
From: g3rjv@gqrp.demon.co.uk (George Dobbs G3RJV)
Subject: Super Keyer II

Good Evening QRPers

I have just had a phone call from Ian, G3R00, asking me if I can get him

another Super Keyer Kit when I am at Dayton. We both bought the original
Idiom Press kits. Are they still available - who sells them?
... and are there likely to be any at Dayton?

--

George Dobbs G3RJV
G-QRP Club

"It is vain to do with more,
what can be done with less."

----- William of Occam (1290-1350)

From ab4el.com Thu Apr 14 12:52:13 1994
From: Gene Marshall <genem@hpswtgm.cup.hp.com>
Subject: Super Keyer II availability

Hi George:

> .. We both bought the original Idiom Press kits. Are they still
> available - who sells them?

I just purchased by *first* Super CMOS Keyer II from Idiom Press for my
OHR Spirit. What a great keyer!

They are still available. The USA cost was \$49.00 which included
shipping. If you need their address or phone number, let me know; I can
check tonight.

72
Gene

--

```
+-----+
|Gene Marshall          \- \- \          email: genem@cup.hp.com |
|Hewlett Packard Co., MS 42UN      |          Tel: 408/447-5282 |
|Software Svcs & Tech. Division (SST) | ___o          Fax: 408/447-5039 |
|11000 Wolfe Road          L^ \< .          AA6IY@N6LDL.CA.USA.NA |
|Cupertino, CA 95014        ( ) / ( )          CompuServe: 75060,260 |
+-----+
```

From ab4el.com Tue Apr 19 17:23:48 1994
From: C=BAILEY%IS%211EIS@ANG193FS.ang.af.mil
Subject: re: Ted's portable antenna.

Since Ted is going backpacking, I assume that space to deploy an antenna is
not a problem. A dipole will work for 40 meters quite well. It is resonant,
cheap, portable, and effective. A method to get it in the trees should be
considered. Anyone use a portable loop antenna?

72 de Cameron, KT3A.

From ab4el.com Thu Apr 14 14:32:27 1994
From: ryme@husky.bloomu.edu
Subject: Thanks

Hi folks,

Just a quick note to say thanks for all the words of wisdom and the help offered during the QSO Party. Looking forward to next year.

Had a good time on the air, and really enjoy this mailing list group.

By the way, Cameron, have been unable to post email to your mailing address. Contact me to verify your address. Strongly considering your offer, need more details.

Take care,
73
John
N3PFF

From ab4el.com Wed Apr 20 00:51:35 1994
From: SYJERRY@duq3.cc.duq.edu
Subject: thanks for reply

thanks to all those who replied to my posting about QRP kits!

Jeff NH6IL
Cameron, KT3A
djwang@sneezy.biophys.upenn.edu
B61395@awtims.fe.anlw.anl.gov
"JEFF M. GOLD" <JMG@tntech.edu>

73s de Jerry N3RKD

From ab4el.com Wed Apr 13 22:33:20 1994
From: Randall Rhea <randall@informix.com>
Subject: Re: The Spring ARCI QRP Party

=>I am investigating a vertical antenna design for 160m, due to
=>lot size restrictions. Once I get an antenna "working", I'll
=>document the nnlg mods and include a working antenna design for
=>the space impaired.

I've used a small 160m antenna that works pretty well. Wind about 250 feet of insulated #14 wire onto a 1-inch diameter wooden hand rail that is 16 feet long. (lumber yards have these) Put a couple of coats of spar varnish on the hand rail first. Attach the wire to an aluminum pie plate at the top of the antenna, and put a 4-foot whip from a mobile antenna above that. Give the whole thing another coat of varnish. You will need some sort of matching network at the feed point at the bottom of the antenna; I use an antenna tuner. Mount the antenna vertically. Install as many buried radials as you can, and make them as long as possible. This antenna is described in the ARRL Antenna Book as well as in Doug DeMaw's Antenna Book.

Another option, if you have the room, is an inverted L. This is actually a vertical antenna with a top load. The vertical part of the antenna should be as long as possible. Some hams actually use a tower as the vertical part of the antenna.

=====

Randall Rhea	Informix Software, Inc.
Project Manager, MIS Sales/Marketing Systems	randall@informix.com

From ab4el.com Fri Apr 15 13:44:39 1994
From: "Evert Halbach" <CS-ERH@nich-nsunet.nich.edu>
Subject: TOROIDS

Can anyone tell me what is the inductance of a T-50-2 toroid with 14 turns of #26 enamel wire???

Tnx 73's Evert WA50JI

From ab4el.com Fri Apr 15 19:41:57 1994
Subject: Re: TOROIDS
From: "John F. Woods" <jfw@ksr.com>

> Can anyone tell me what is the inductance of a T-50-2 toroid with 14
> turns of #26 enamel wire???

My office used to contain two or three copies of Amidon's extremely helpful toroid literature, but I can't find any of them. (Hint to everyone: you want their toroid literature :-).

But I do have a '92 Handbook, which asserts that for T-50-2, A-sub-L is 49 uH per 100 turns (page 2-34); the general inductance formula for toroids is

$$\text{turns} = 100 \sqrt{L / A\text{-sub-L}}$$

(L is the desired inductance in microhenries).

Of course, you know the turns and need to solve for L, so it's

$$L = t^2 A(L) / 10000$$

or .94uH.

73, John, WB7EEL

From ab4el.com Fri Apr 15 20:51:44 1994
From: adams@chuck.dallas.sgi.com (Chuck Adams)
Subject: Re: TOROIDS

The inductance of a T-50-2 toroid with 14 turns of #26
enamel wire is 0.96 microhenries.

dit dit

Chuck Adams K5FO CP-60
adams@sgi.com

From ab4el.com Fri Apr 15 23:38:05 1994
From: jkearman@arrl.org (Jim Kearman)
Subject: Re: TOROIDS

Evert, WA5OJI, asked the inductance of 14 turns on a T-50-2
core. Looks like about 1.2 microhenries to me.

The ARRL Databook contains tables that will help you calculate
turns-vs-inductance.

72

Jim, KR1S

From ab4el.com Wed Apr 20 22:23:04 1994
From: bob.hilton@chaos.lrk.ar.us (Bob Hilton)
Subject: TRANSMATCH ADVICE

I'm looking for a way to get more of my signal out into the ether;
presently I'm just running with the antenna naively attached to the back

of the rig (the "it's gotta go somewhere" approach), but I suspect that if the antenna/transmission line were more closely matched to what the rig wants to see I'd have better results. So I'm asking: which commercially available transmatch (antenna tuner) do you recommend? My requirements are: high quality, small/light, qrp power only, efficient, etc. Cost isn't really an issue (although I _do_ have a budget), and if necessary a kit would be fine. The Oak Hills wattmeter has received good reviews; do they also offer a transmatch? MFJ makes a variety of transmatches, but I've heard that quality is variable; will one of their units work for me (or, should I avoid any particular models?) ? Oh yeah, I'd really like to have both balanced and unbalanced outputs.

Either post to the reflector or e-mail me (bob.hilton@chaos.lrk.ar) and I'll summarize responses.

Thanks and 73
Bob ki5ez

From ab4el.com Thu Apr 21 10:12:10 1994
From: B61395@awtims.fe.anlw.anl.gov
Subject: RE: TRANSMATCH ADVICE

Hi Bob. I have used an MFJ 16010 random wire tuner for *many* years with good success. Although not strictly a QRP unit (it's rated for 200w), it is small and rugged, and works very well. I recently acquired an MFJ 901B tuner which is also rated for 200w, but is similarly compact and rugged. I think both of these tuners are well made and have been pleased with their performance. I use both with random wires, and use the 901B to expand the "bandwidth" of my HF6V on 80m. Neither has a built-in match indicator, but this is not a problem for me, as I use a homebrew unit based on a W1FB design, or the built-in SWR meter in my Argosy.

73, Bill, KR8L/7 (wparmley@anl.gov)

From ab4el.com Sat Apr 16 14:07:06 1994
From: Justin Rains <usr12314@tso.uc.edu>
Subject: Trap Dipole need HELP!!

I am interested in building a trap dipole for 10,15,20m. my question is this--> How do I make the first trap resonate for both 15 & 20m?? I understand how to make a 2 band dipole with traps, but the third band confuses me. Also, what type of capacitator should I use? I've heard of transmitting caps, but do I need them for QRP work?

Thanks for the help...

73-->
Justin AA9KM

From ab4el.com Mon Apr 18 14:31:29 1994
From: Duane P Mantick <wb9omc@ecn.purdue.edu>
Subject: TTARS expedition

Did anybody get to work them?

I tried on both Saturday and Sunday during the scheduled 10-meter times and the band was just useless. I heard not one signal of anykind, anywhere.....

I noted that some rather sever weather had blown through that area during previous days and hoped that the event was not cancelled....

Duane
wb9omc

From ab4el.com Mon Apr 18 21:45:00 1994
From: Duane P Mantick <wb9omc@ecn.purdue.edu>
Subject: TTARS expedition

Hey guys - next time you want to try this, let me make a suggestion.

Drive over to the Great Smoky Mountain National Park and drive up to the Forney Ridge Parking area on Clingman's Dome. C.D. itself is the highest point in the park, and the second highest mountain in the eastern US. The summit is something like 6643 feet, with the parking area maybe around 6400 or thereabouts.

Primarily, the parking area faces south and southeast if memory serves correctly, but on the longer wavelengths it may not matter too much.

If you are gutsy, you can cart your battery operated stuff up to the summit and run from there.

I've been up there even during rotten band conditions (on 10 meters, for example, last August) and been able to work into South America on my HR2510 (seems to peak about 10 watts for SSB work).

If you catch the band right, you can kick butt from up there, even on *2* meters.

There are campgrounds in the area so if you like camping while in the process of your QRP work, you can do it there.

With even mediocre band conditions, you ought to be able to work just

about everywhere from that site on SOME band or another. A 6000+ foot tower under you can really make a difference! :-)

Duane
wb9omc

From ab4el.com Tue Apr 19 19:39:06 1994
From: "JEFF M. GOLD" <JMG@tntech.edu>
Subject: TTARS expedition

HI all,

just stopped by work on the way home to clean up emergencies and email.

Well about the TTARS expedition.. bottom line.. SUCCESS.

Took Friday off from work to go up early and set up the equipment and camper. One of worst storms of the year.. had the repeater emergency net set up due to tornados.. one hit the West side of town. Terrible rain and flooding. Spend the afternoon watching tv till the rain let up enough to drive to park. Got to the park and set up the camper just before the next storm hit and terrible downpours.. decided to wait till Sat. to set up stations.

Saturday.. got up real early and the WX was perfect .. clear and starting to warm up. Set up the ZS6??? and the MFJ HI Q loop. Hooked up the old Yaesu 301 and the MFJ SSB. everything working fine. Made first contact on 40 meter SSB with another special events station.. good signal and audio report. Let WD4GZW take over now that I knew the station was working. Almost immediately he made a contact.. the guy couldn't believe we were using low power (just about 5-7 watts) .. another guy cut in and they had a 3 way QSO.. The 2 other guys ended up going down to 5 watts and giving each other signal reports.. they couldn't stop talking about how impressed they were that low power worked on SSB.. had a comment that one knew that QRP was possible on CW, but never even gave a thought to QRP/SSB. New converts? Got some great quotes for an article.

A little later the students arrived. Talked them in on simplex 2 meter frequency. One operated the Yaesu, the other the MFJ. After a couple of hours they asked about setting up a dipole.. happen to have an extra 20 meter dipole in my car..let them set up the antenna using the old bow and arrow method.. 2 shots.. killed 2 trees... The dipole worked great on 20.. worked Spain, and some DX.

Yes, the bands were TERRIBLE.. but still managed a good amount of contacts.. the students learned a lot about operating procedures and were impressed with how well QRP worked.. even with battery power, dipoles and bad band conditions.. I let them work most of the time on SSB.. they were really into it...

So, didn't break any records with number of QSOs.. think we worked about 65 stations on Sat (The bands were MUCH worse on Sunday, so went hiking with the family).. but the expedition in my opinion did what it set out to do.. QRP worked, and people on the air even tried it out and were impressed and got some new hams into HF and gave them a reason to upgrade.

Thanks to all of you who tried.... we will be doing this again.

73

Jeff, AC4HF

From ab4el.com Tue Apr 19 03:32:52 1994
Subject: Re: TTARS expedition
From: Clark Savage Turner WA3JPG <turner@safety.ICS.UCI.EDU>

Well, just a quick comment Duane....

Did you listen to the bands this weekend? I do believe it would have made no difference to the expedition to be up there, since several KW stations with multi element beams couldn't get any signals through anywhere. In fact, I listened for Radio Nigeria at 7255 all night and could barely hear the carrier! Amazing. The worst propagation I have heard in years, one of the worst in 25 years of hamming.

Anyway, your suggested location sounds real good, though such height has seemed to me (in my varied experience with QRP portable) to have very little effect at HF frequencies, even 10 meters. Now, up higher where you depend upon line of sight! Yikes, there is a difference! I have found that as long as I have an antenna in the clear and am not hemmed in by metallic structures or mountains, I do quite as well as up on top of mountains..... of course, hard to get a real comparison.

72 all

Clark
WA3JPG

Building up a tiny station for my long hike this summer :-)

From ab4el.com Tue Apr 19 12:36:44 1994

From: Duane P Mantick <wb9omc@ecn.purdue.edu>
Subject: Re: TTARS expedition

>
> Did you listen to the bands this weekend? I do believe it would have made

Yes, I did and they stunk.

> no difference to the expedition to be up there, since several KW stations
> with multi element beams couldn't get any signals through anywhere. In

See, you've just proved that QRO is pointless! :-)

> fact, I listened for Radio Nigeria at 7255 all night and could barely
> hear the carrier! Amazing. The worst propagation I have heard in years,
> one of the worst in 25 years of hamming.

Well, I have worked from that location a number of times, and
like I said - you can *hear* stuff from up there that you wouldn't hear
3000 feet or more further down. And as we know, *transmitting* is only
HALF the job on a QSO. You gotta HEAR 'em, too. :-)

> Anyway, your suggested location sounds real good, though such height has
> seemed to me (in my varied experience with QRP portable) to have very
> little effect at HF frequencies, even 10 meters. Now, up higher where you
> depend upon line of sight! Yikes, there is a difference! I have found that
> as long as I have an antenna in the clear and am not hemmed in by metallic
> structures or mountains, I do quite as well as up on top of mountains.....
> of course, hard to get a real comparison.

On transmitting, again, there may not be a LOT of difference. But
again, what you can HEAR up there is incredible. That location puts you
above and away from most noise sources that you get in a more residential
area, for one thing. While a car may drive through the parking area with
an electrically noisy alternator, that is about it as far as artificial
sources go. (unless, of course, you get more than one ham up there at
once.....) All that nice electrical quietness is quite conducive to
letting you hear a weaker signal without the noise *itself* drowning
it out.

The first time I was up there (1985) with a radio, I carried my
2-M HT up the ramp to the observation tower. Not only could I hear
repeaters ID from all over the place, I heard a specific station ID
and say he was in Duluth Minnesota! I'd call that a pretty good signal
carriage on 2 meters. Now there probably was little chance for me to work
him using my HT and a duck. :-) But had I had just slightly more
elaborate gear and some more power, it certainly would have been interesting
to try.

(I know from personal experience that you CAN work some long distances under the right conditions on 2M. In about 1983, I caught a hellacious band opening late one night. My HT was connected to a mag mount mobile antenna on the refrigerator - this worked - through which I worked the 145.25 repeater in Indy, and connected to stations in Oklahoma, Missouri and Alabama that night. Indianapolis is about 70 miles away from me on its own, and you can gauge the mileage from Indy to the rest of those places on a map. Granted working *through* a repeater isn't what some people would call "DXing", but those distances are STILL a pretty impressive hop.)

And, even if the bands really suck and you can't work much from Clingman's Dome, the view can be great - take your camera. :-)

Duane
wb9omc

From ab4el.com Tue Apr 19 15:56:40 1994
Subject: Re: TTARS expedition
From: Clark Savage Turner WA3JPG <turner@safety.ICS.UCI.EDU>

I think Duane raised a question I have had about relative elevation and signal propagation at HF frequencies, and I wonder about other experiences with it. My apologies to Duane for not being clear about my question, for I certainly agree that my HT is a wondrous little thing at mountain locations. (Not to mention the views :-)

I have a sea level location, on a campus, next to a marsh, and I ALWAYS have as good ears as my ham friends up in the nearby 5000 - 10000 foot mountains on 40 meters (for DX and stateside). I use dipoles and a Corsair or TS 440 for a receiver. I have been on the HHH net for DX and WAS work (as QRP) for a few years and have been quite happy with my location, such as it is. I have even been called upon to relay in some DX while the fellows with higher locations with beams strain their ears.... not often, but I am always tickled when it happens.

I have been on little QRP expeditions and found, in general, that for HF work, the lower locations seem to be as good as the higher locations (of course, a higher antenna above earth ground is a different story), and that being hemmed in by trees and hills is not usually a problem at all, valleys as good as tops of mountains. I suspect that with a multi element wire beam where the takeoff angle is critical, there seems to be good reason for the elevation, but generally, I have not seen any real difference, especially down below 30 meters. Don't do too much above that.

Any other thoughts?

Clark
WA3JPG

From ab4el.com Mon Apr 18 19:00:20 1994
From: "Ronald D. Rossi" <rrossi@VNET.IBM.COM>
Subject: TTARS...

I tried to find them multiple times/multiple bands to no avail. Bummer!
Sorry Jeff. I did hear and TRY and work a Moku Ola Island KH6xx/C1, but
I only had 15 mins to spend when they were on.

73 de N1PBT...ron

Ron Rossi

```
/=====/  
/ IBM Microelectronics      Internet:  rrossi@vnet.ibm.com  /  
/ H/P ASIC SRAM Design     VNET:    RROSSI at BTVLABVM   /  
/ Dept N93 Bldg 861-2      Voice:    802/769-7477       /  
/ 1000 River Road         RF:      N1PBT/AE             /  
/ Essex Junction, VT 05452-4299                        /  
/                                                                /  
/ "I work for IBM, I don't represent its views!"        /  
/                                                                /  
/=====/
```

From ab4el.com Fri Apr 22 08:57:42 1994
From: Brad Mitchell <bmitchel@CBA.Kodak.COM>
Subject: Ugly rig competition

Hi guys, I think it would be really neat for one of the clubs like
Nor Cal or the NE club to sponsor a Ugly rig competition.

Here is a proposal.

Criteria for judging:

1. Resourcefulness. (dumpster diving approved and encouraged.)
2. Looks (it better not look good .gif and .jpg on think.com required)
3. Performance (one contact required, must not be scheduled)
4. Re-usability, can someone else drag this out of the dumpster and
re-use it for something.

Submissions required:

1. a paragraph that states your resourcefulness for parts aquisition.

2. A .gif or .jpg pic to think.com
3. proof of the contact. QSL
4. proof of spousal discontent just kidding.

Rules could include starting the construction of the rig no earlier than a now, and finishing by the end of the summer.. (this proves they are true hams building during the sweaty months).

Just a suggestion, but the prize could be something on the order of a kit like a Nor cal or a nn1g or something like that. That way we can assist these poor individuals up the construction evolutionary chain.
I think it would inspire some competition, and it would be lots of fun!!

So clubs, what say clubs??

73
Brad WB8YGG

From ab4el.com Tue Apr 19 02:09:33 1994
From: "PDXML1" <PDXML1@pdxml1.mentorg.com>
Subject: UNDELIVERED: Readdress and

Mail*Link(r) SMTP QRP Digest V0 #69
Received: by pdxml2.mentorg.com with SMTP;17 Apr 1994 03:59:24 U
Received: from mgc.mentorg.com by rainbow.mentorg.com with SMTP
(15.11.1.6/15.5+MGC-TD 2.08) id AA21060; Sun, 17 Apr 94 03:56:29 -0700
Received: from Mail.Think.COM by mgc.mentorg.com with SMTP
(16.6/15.5+MGC-TD 2.20) id AA27956; Sun, 17 Apr 94 03:56:26 -0700
Received: by mail.think.com; Sun, 17 Apr 94 04:44:42 -0400
Date: Sun, 17 Apr 94 04:44:42 -0400
Message-Id: <9404170844.AA13547@mail.think.com>
From: QRP-Admin@Think.COM
To: QRP-Digest@Think.COM
Subject: QRP Digest V0 #69
Reply-To: QRP@Think.COM
Errors-To: QRP-Admin@Think.COM
Precedence: bulk

QRP Digest Sunday, 17 April 1994 Volume 00 : Number
069

In this issue:

MFJ 9040

Trap Dipole need HELP!!
hello, Jim
RS trimmer caps
NC40 Partial Kits

To subscribe to QRP-Digest, send the command:

subscribe QRP-Digest

In the body of a message to "Majordomo@Think.COM". If you want to subscribe something other than the account the mail is coming from, such as a local redistribution list, then append that address to the "subscribe" command; for example, to subscribe "local-QRP":

subscribe QRP-Digest local-QRP@your.domain.net

To remove yourself from the distribution, substitute "unsubscribe" for "subscribe" in the above examples.

A non-digest (direct mail) version of this list is also available; to subscribe to that instead, replace all instances of "QRP-digest" in the commands above with "QRP".

From: ak238@yfn.ysu.edu (Keith M. Hamilton)
Date: Sat, 16 Apr 1994 09:56:08 -0400
Subject: MFJ 9040

I know we would all like to solve the problems of the world, but could we do it somewhere else? I read this group for electronic and radio information. Take the other discussions elsewhere please.

Now ----- I had a chance to see a MFJ-9040 recently and I was VERY impressed. I am considering buying one at Dayton.

Lets hear your comments pro and con about this rig -- seems like the best rig for the money out there to me. Am I right or wrong?

- - -
Keith M. Hamilton 73 de N08Z
ak238@yfn.ysu.edu
Youngstown, Ohio

From: Justin Rains <usr12314@tso.uc.edu>
Date: Sat, 16 Apr 1994 11:52:22 -0400
Subject: Trap Dipole need HELP!!

I am interested in building a trap dipole for 10,15,20m. my question is this--> How do I make the first trap resonate for both 15 & 20m?? I understand how to make a 2 band dipole with traps, but the third band confuses me. Also, what type of capaciator should I use? I've heard of transmitting caps, but do I need them for QRP work?

Thanks for the help...

73-->

Justin AA9KM

From: James Speer <F_SPEERJR@CCSVAX.SFASU.EDU>
Date: Sat, 16 Apr 1994 10:59:33 -0500 (CDT)
Subject: hello, Jim

Jim wrote:

>>

>> Gentlemen and Ladies: I like to think of these newsgroups as a
>> friendly place to get away from the ratrace of amateur radio in
>> which I work. When I go to the local gin mill, I don't expect to
>> see anything I say show up in the Newington Town Crier next week....
>> I don't expect to see anything I say here show up in any QRP
>> newsletters or any other media, either, unless you have asked for
>> and received my permission. It's happened once and I went away
>> for a while. If it happens again I'm going away for good. I don't
>> need the trouble. If you are the editor of a newsletter and you
>> can't give me the courtesy of asking first, you need to learn a
>> little about the writing game. And please don't cloak any
>> responses in the First Amendment.....

>>.....stuff deleted....

>> If I see anything of mine in a newsletter
>> and prior permission wasn't granted, I'm outta here.

>>

>> 73

>>

>> Jim Kearman, KR1S

>> jkearman@arrl.org

Steve responded:

>I'm going to "publish" the above "open letter / threat" on a poster
>board at my RARS-fest table this Sunday and solict comment...

>

>Good-bye, Jim. :^)

>

>73,

>

>Steve Modena nmodena@unity.ncsu.edu

>

>P.S.

>Are postings to the boatanchor list and the qrp list copyrighted

>materials...or strictly confidential, non-disclosure utterances?

I now respond:

1. As Steve may not have noticed, Jim works for ARRL. What he says may be mistaken for official positions of the organization. For this reason, his employers have expressed concern in the past about his participation in public forums like this. Widespread dissemination of his informal comments, if those comments were misunderstood, might have very serious consequences for Jim.

I, for one, value Jim's contributions to this group and intend to continue to treat Jim's contributions as I would those of any friend I was having an informal chat with: Not secret, but not intended, either, for publication on the front page.

I happen to know about Jim's situation, but I do not know the situation of most other contributors to this list. Therefore, as a matter of common courtesy, I plan to continue to treat everyone's postings as I do Jim's.

2. We should have learned from the discussion thus far that the copyright laws are complex, and one cannot be sure whether postings to these lists are copyrighted or not. It does not seem to me, however, that that is the issue. I

would have thought the issue was a simple one: Would you print a letter a friend wrote you in the newspaper without first getting that friend's permission? If you would not, then I can't imagine how you could bring yourself

to do the equivalent with a posting to one of these newsgroups.

3. I hope that if Steve intends to display Jim's note, he will also display with it this one. More formally, I herewith give my permission for MY contribution to this posting (that NOT marked with ">'s") to be reproduced anywhere, in any form, so long as it remains unchanged.

73,

Jim

K5YUT

From: Jeffrey Herman <jherman@uhunix.uhcc.Hawaii.Edu>
Date: Sat, 16 Apr 94 11:27:02 HST
Subject: RS trimmer caps

Copyright c 1994 by Jeffrey Herman
All rights reserved!

Gang:

For some odd reason Radio Shack is discontinuing carrying its mica trimmer caps - the close out price is \$1.47. I just bought 6 for future projects. Stock number is 272-1336. 95-420 pf.

Jeff NH6IL

From: dh@deneb.csustan.edu (Doug Hendricks)
Date: Sat, 16 Apr 94 22:21:34 PDT
Subject: NC40 Partial Kits

The NorCal QRP Club is offering a partial NorCal 40 kit. There were so many requests for NC-40s that we could not fill due to the fact that they were sold out that we have decided to offer partial kits of the hard to get parts and let the builders chase their own parts. NorCal is selling the partial kits which include: pcboard, custom case, standoffs, special screws, MV108 Varactor diode, and the Manual. These are the difficult parts to obtain, and the rest of the parts are available through sources listed in the manual. The cost is \$25 and includes shipping and handling for domestic orders. Foreign orders are asked to send \$30. California residents must add \$1.94 for sales tax. To order, send your check to:

Jim Cates, WA6GER
3241 Eastwood Rd.
Sacramento, CA 95821

The boards were ordered Friday from Far Circuits, and as soon as Jim gets delivery, he will start shipping orders.

Why aren't we doing full kits? Because we are gearing up for the Sierra, our all band kit that will be introduced at Dayton. The brochures go to the printers this week, and will be mailed out "first class mail" as soon as I get them back. Remember, the Sierra will only be sold to NorCal

members. All members (over 450) will receive the brochure.

The June issue of QRPp will be 80 pages. A table of contents will be posted soon.

72, Doug, KI6DS

End of QRP Digest V0 #69

From ab4el.com Wed Apr 20 03:11:05 1994

From: kaul@nbc.ge.com

Subject: welcome back

Hiya, Chuck

You're not the first five to go to six land and seem to get sucked into a black hole. If you think you worked W8MVN, you might be ready for an entire episode of the Twilight Zone written about your contest efforts. And there could be a 15-yard penalty assessed for a beacon operation below 14.1.

Beyond that, we Internetters are glad to have you back to put our contest weekend into some sort of reality context.

72 and next time, take the rig! De alan, w6rc1 / kaul @ nbc.ge.com

From ab4el.com Thu Apr 14 22:26:59 1994

From: GroverC@gvgadg.gvg.tek.com (Grover Cleveland)

Subject: What gives with the Digest?

So I'm not getting any Digest, just the TofC.

Is this happening to everyone.?

Grover

WT6P

From ab4el.com Fri Apr 15 02:51:09 1994

From: N8ET@delphi.com

Subject: What happened to Chuck??

Does anyone know what happened to Chuck ?? I have not seen a post from him since the middle of the QSO party, and he is usually good for two or three a day. Was the contest too much for him, or did he drink too much diet coke at the party he went to Saturday nite??

Chuck - if you're around - hope all is ok!

73/72 - Bill - N8ET

From ab4el.com Wed Apr 20 16:07:48 1994
From: "Evert Halbach" <CS-ERH@nich-nsunet.nich.edu>
Subject: Xtals

Don't throw away those old modems, telephones, etc. Most of them have valuable parts including a 3.579545 Xtal which falls at least in 4 bands (not necessarily cw though).

Evert

From ab4el.com Wed Apr 13 23:26:04 1994
From: kaul@nbc.ge.com
Subject: your note to internet

I am of the opinion that material should NOT be assumed to be publishable.

From ab4el.com Thu Apr 14 15:34:43 1994
From: Peter Hardie <hardie@herald.usask.ca>
Subject: Re: your note to internet

On Wed, 13 Apr 1994 kaul@nbc.ge.com wrote:

>

> I am of the opinion that material should NOT be assumed to be publishable.

>

I agree. But there's no reason why individual authors can't give blanket permission to publish to anyone who asks. I'd prefer the chance to at least review what I wrote before it is published.

Pete

ve5va.qrp@usask.ca

From ab4el.com Wed Apr 20 05:43:50 1994
From: kaul@nbc.ge.com
Subject: your note to QRP@think.com

Hiya, I sent a response -- don't know how it didn;t get there, but since I did

not save it, here is another version. Hope this one makes it.

FIRST: You asked about rigs. There are lotsa. Most are kits -- though a few are buy-able fully-built. Take a look at the ads in QST and CQ for the new Ten-Tec Scout. Single band and pricey--about \$500. BUT each additional band can be added for \$25, there is digital readout and good filtering in a superhet rcvr, power fully adjustable from 5w to 50W and both SSB and CW. Sounds hard to beat. Now, if you're looking for something much cheaper that you can build yourself -- check the May issue of CQ Magazine (most big libraries subscribe, or you might be able to find it in your Magazine store). Read the review on the A and A engineering 20M rig which sells as a kit for \$169.95. Pretty good rig, 5w, CW, good filtering in a superhet, etc. Want to spend less? NN1G sells kits as does an outfit named Radio Kit, as does MFJ. Some of them advertise in the Ham Mags, some don't. You can look NN1G up in the call book, or Radio Kits is in New Hampshire (might try area code plus 555-1212). MFJ advertises in CQ, QST, 73, and can often be found in most ham stores. One more thought on rigs -- watch this space (the Internet) for how to join the Northern Calif QRP Club, then then be eligible to buy the Sierra (an all band QRP rig will be sold to members for about \$300 in kit form sometime this summer).

SECOND. I have been a builder since I got started in radio in 1958. Not a great builder -- but an avid builder with lotsa projects over the years. Some worked, some didn't. I wrote the first article which appeared in 73 Magazine in 1975-or-76 on converting a crystalplex CB rig to 10M (5w on AM) and have always loved low pwer operating. So I don't sound like a hypocrite, I will say for the record I also own a couple of 100W transceivers and a Heathkit KW. But there is something that keeps bringing me back to low power. If other hams in your town tell you it won't work -- tell them that just isn't true. I ran 10w in the contest a couple of weeks ago and despite rotten propagation, I worked 17 contacts with 12-states and Panama in 2-hours of casual operating. Others worked a lot more stations and did a lot better with multipliers. In 1985, in a 3-month period, running 6-watts input to a rig I built from the ARRL Handbook and a receiver from QST called 'the Barbados' I worked about 80-countries using wire antennas on a hotel balcony. Yes, I was on-air from Amman, Jordan, as JY9RL (which some think adds about 10db to anyone's signal) but the point is, I was working paths of 7-8 thousand miles -- more than a kilomile per watt. There are lots of people to work on QRP. Of course, you never work everyone you want to, but hang out at 7035-7040, 10123+-5, or 14060+-5 and see what happens. QRP really is the last outpost of the guys who get as much of a thrill from almost every contact as they did with their first!!! If you can't understand the latter statement, wait til you've tried it.

73, 72, and GL de alan, w6rc1 (kaul@nbc.ge.com)

From ab4el.com Wed Apr 20 14:52:29 1994

From: "DONALD A. COLEMAN (EXT. 2850)" <DACOLEMAN@fair1.fairfield.edu>

Subject: Re: your note to QRP@think.com

To Paul, I say *bravo*! To the originator of the note, I say this, in addition to what Paul has already said. I'm a really unconventional qrp operator. First, I don't work qrp except when I very occasionally get the urge. And second, when I do get the urge, I use about a hundred milliwatts. I don't use a kits because I like to design my own rigs for qrp. Because I'm not an engineer, my rigs are crude, and operating them is all art. Right now I have a single-transistor vfo driving a class A buffer stage driving a class C transistor final. It's an 80-mtr rig, and I have thirteen states confirmed (without cheating) on that band.

By "cheating," I mean using qro to get a contact first and then putting on the qrp rig.

I hope all this goes to show you that "qrp" can mean different things--and sometimes some pretty strange thing--to different ops.

72.5954536

Don Coleman, W1V0Q

From ab4el.com Wed Apr 20 20:56:44 1994
From: Jeffrey Herman <jherman@uhunix.uhcc.Hawaii.Edu>
Subject: Re: your note to QRP@think.com

Donald says that his rigs are crude - ha! My transmitters are cruder: I build them on wooden blocks and use wood screws for terminals. My latest 40M xmtr uses the variable cap from a UHF TV tuner complete with the channel indicator: channels 14-83. I want to adjust it so that 7040 kc falls on channel 40. You folks would laugh so hard (or else just shake your head in embarrassment) if you saw my contraptions. I'm amazed that they work.

Any of you folks who put out newsletters want photos?

Jeff NH6IL

From ab4el.com Thu Apr 21 02:03:35 1994
From: Rick Zabrodski <zabrodsk@med.ucalgary.ca>
Subject: Re: your note to QRP@think.com

Jeff, your transmitters sound like my howbrew balanced tuners!
All built on availble scraps of plywood with minimal parts and the KISS principle.....photos also available on request!

Dr. Rick Zabrodski BSc, MD, CCFP(E)
EMAIL: zabrodski@med.ucalgary. ca

VE6GK "glider king"
"M.D. on weekdays"

Packet: VE6GK@VE6YYC.#cgy.ab.can.na
Phone: (403) 271-5123 Fax: 225-1276

"Solar powered aviator
on weekends!"

On Wed, 20 Apr 1994, Jeffrey Herman wrote:

> Donald says that his rigs are crude - ha! My transmitters are cruder: I
> build them on wooden blocks and use wood screws for terminals. My latest
> 40M xmtr uses the variable cap from a UHF TV tuner complete with the channel
> indicator: channels 14-83. I want to adjust it so that 7040 kc falls on
> channel 40. You folks would laugh so hard (or else just shake your head
> in embarrassment) if you saw my contraptions. I'm amazed that they work.
>
> Any of you folks who put out newsletters want photos?
>
> Jeff NH6IL
>
>

From ab4el.com Thu Apr 21 09:59:35 1994
From: "DONALD A. COLEMAN (EXT. 2850)" <DACOLEMAN@fair1.fairfield.edu>
Subject: Re: your note to QRP@think.com

Soo Jeff thinks he's got me on crudity! Well, let me tell him! My current
rig is built in a utility box with the transistors screw-mounted by their leads
on one of those Cinch Jones barrier strips.

You know, I think we should have a *Yoogly Construxion* contest!

72.949633835

Don Coleman, W1VOQ

From ab4el.com Thu Apr 21 12:13:40 1994
Subject: Re: your note to QRP@think.com
From: "John F. Woods" <jfw@ksr.com>

> Donald says that his rigs are crude - ha! My transmitters are cruder:
> ...
> Any of you folks who put out newsletters want photos?

As we say on talk.bizarre, GIF! GIF! GIF!

From ab4el.com Thu Apr 21 14:10:31 1994
From: Brad Mitchell <bmitchel@CBA.Kodak.COM>
Subject: Re: your note to QRP@think.com

>
> > Donald says that his rigs are crude - ha! My transmitters are cruder:
> > ...
> > Any of you folks who put out newsletters want photos?
>
> As we say on talk.bizarre, GIF! GIF! GIF!
>

Yes I defie any of you to show us an uglier qrp rig gif than the ugly green monster in wb8ygg.gif
on think.com comon guys put up or I'll be nice.
Besides, I need a new backdrop for my workstation , I'm tired of looking at my own equipment every day.
73 Brad WB8YGG

From ab4el.com Thu Apr 14 02:43:34 1994
From: Jeffrey Herman <jherman@uhunix.uhcc.Hawaii.Edu>
Subject: [kaul@nbc.ge.com: your note to internet]

I am of the opinion that everything sent to the net IS publishable, unless the writer states otherwise. After all, there are at least 300 folks on the net - what difference if a few hundred more read what we say? It just might interest others in QRP (maybe even a few QRO's).

Also, when you state an opinion such as you have it would be nice if you signed your name and callsign.

Jeff NH6IL

Received: by mail.think.com; Wed, 13 Apr 94 19:53:54 -0400
Received: from Think.COM by mail.think.com; Wed, 13 Apr 94 19:53:40 -0400
Received: from ns.ge.com by Early-Bird.Think.COM; Wed, 13 Apr 94 19:53:37 EDT
Received: from thomas.ge.com by ns.ge.com (5.65/GE Gateway 1.18) with SMTP
id AA12369; Wed, 13 Apr 94 19:48:43 -0400
Received: from es2.nbc.ge.com by thomas.ge.com (5.65/GE Internal Gateway 1.23)
with SMTP id AB00483; Wed, 13 Apr 94 19:49:36 -0400
Received: by nbc.ge.com (5.65/DEC-Ultrix/4.3)id AA02697; Wed, 13 Apr 1994 19:52:25
-0400
Received: by es1.local (5.65/DEC-Ultrix/4.3)id AA22256; Wed, 13 Apr 1994 19:50:53
-0400
Message-Id: <9404132350.AA22256@es1.local>
Date: Wed, 13 Apr 94 19:50:56 -0400
From: kaul@nbc.ge.com
To: howi@world.std.com

Subject: your note to internet
Cc: Qrp@Think.COM
Sender: qrp-admin@Think.COM
Precedence: bulk

I am of the opinion that material should NOT be assumed to be publishable.

From ab4el.com Thu Apr 14 14:57:49 1994
Subject: Re: [kaul@nbc.ge.com: your note to internet]
From: "John F. Woods" <jfw@ksr.com>

> > I am of the opinion that material should NOT be assumed to be publishable.
> I am of the opinion that everything sent to the net IS publishable, unless
> the writer states otherwise. After all, there are at least 300 folks on
> the net - what difference if a few hundred more read what we say? It just
> might interest others in QRP (maybe even a few QRO's).

Technically, anything someone rights is not republishable unless they give explicit permission; and certainly as a matter of courtesy, a publisher would be doing better to make sure he or she has explicit permission rather than relying on even well-grounded implicit permission.

As to why someone might be willing to have the 300 people on QRP@think.com read something but not the 400 extra readers of QRPP: email tends to be thought of as an evanescent phenomenon (even though many mailing lists are archived), but a magazine is quite obviously reasonably permanent; one might say things on a mailing list that one would rather not be reminded of 10 years from now when someone leafs through their back issues of a magazine. Also, many people put less effort into composition of email than they would for a magazine submission, even a relatively informal magazine like QRPP, and might at least prefer the opportunity to correct speeling mistakes grammatical and errors.

Furthermore, if blanket permission is assumed for QRPP, what stops someone else from gathering all the interesting comments from the mailing list, removing the attributions, and publishing them in a book as supposedly original work? This issue has actually come up on USENET in several places, causing several interesting and creative writers to stop posting their best work.

That said, I wouldn't generally object to having anything I write on mailing lists or USENET republished, but I do appreciate being asked.

From ab4el.com Thu Apr 14 19:59:39 1994

Subject: Re: [kaul@nbc.ge.com: your note to internet]
From: "John F. Woods" <jfw@ksr.com>

If anyone wishes to republish my message about republishing messages,

> Technically, anything someone rights is not republishable unless they give
^
please correct this typo first :-). (ouch!)

> prefer the opportunity to correct speeling mistakes grammatical and errors.

(But not these, they were deliberate.)

From ab4e1.com Thu Apr 14 22:37:53 1994
From: howie cahn <howi@world.std.com>
Subject: Re: [kaul@nbc.ge.com: your note to internet]

On Thu, 14 Apr 1994, John F. Woods wrote:

[stuff deleted]

>
> As to why someone might be willing to have the 300 people on QRP@think.com
> read something but not the 400 extra readers of QRPP: email tends to be thought
> of as an evanescent phenomenon (even though many mailing lists are archived),
> but a magazine is quite obviously reasonably permanent; one might say things
> on a mailing list that one would rather not be reminded of 10 years from now
> when someone leafs through their back issues of a magazine.
>

If ten years from now the most I have to be embarrassed about is what I
said about QRP operating now, I'll be doing pretty good. This isn't one
of the personals or sex groups.

> Furthermore, if blanket permission is assumed for QRPP, what stops someone
> else from gathering all the interesting comments from the mailing list,
> removing the attributions, and publishing them in a book as supposedly
> original work?

This is true whether or not permission is granted. Even if there's no
implicit authorization, someone can do that. It's plagiarism either way and
it's been a problem since at least Guttenburg.

Actually, I don't don't really have strong feelings what the policy is. I
just suggested that the default should be "permission = ON" instead
of "permission = OFF" because I didn't think that most people would object
and I wanted to make things easy for people like Doug. If I was wrong in
this assumption, I withdraw the suggestion.

72/73... howie
wb2cpu@world.std.com